بسم الله الرحمن الرحيم

# الجزء الاول من ملخص خطوات الاوراكل ديفيلوبر قسم الفورم بلدر

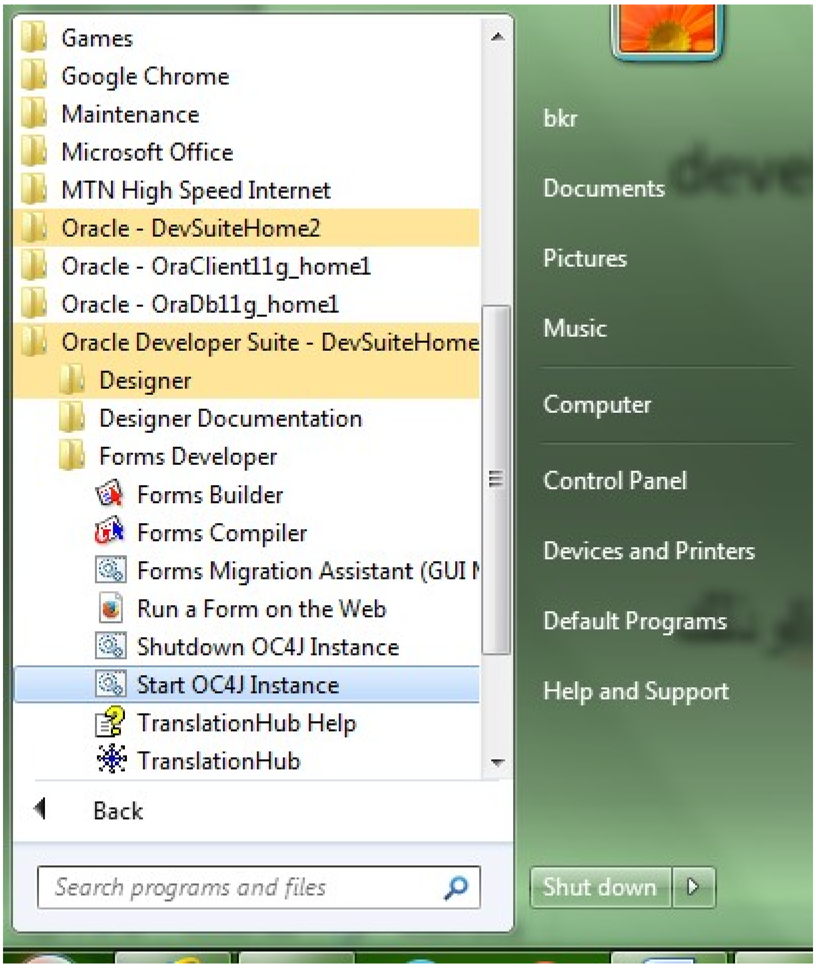
**المبرمج: ابوبكر زكريا يحيى**
**Top200420042003@gmail .com**

## لا تنسوني من صالح الدعاء رجاءً

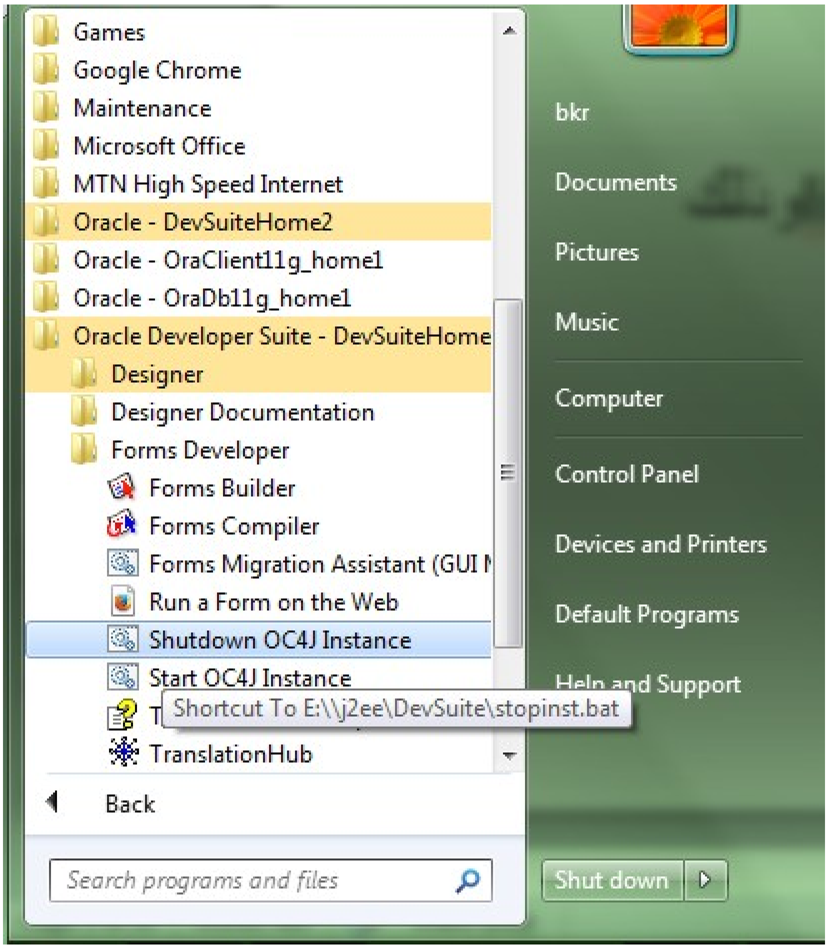
## خطوات العمل على form buider

## في الاوراكل مع الصور

1- قبل فتح form bilder يجب فتح ال oc4j وذلك عن طريق Start>>all program>>oracle developer>>form bilder>>start oc4j instance

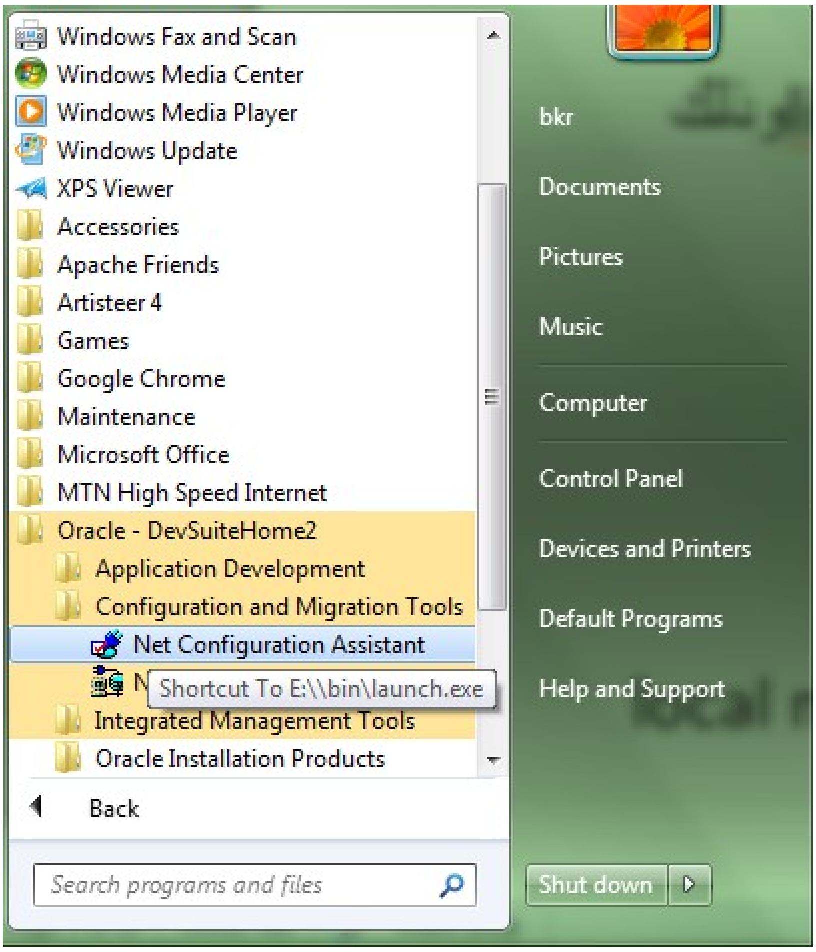



وعند الانهاء يجب قفل ال oc4j --Start>>all program>>oracle developer>>form bilder>>shutdawn oc4j instance




-2 للربط بين قاعدة البيانات والفورم يجب عمل lisner وذلك عن طريق الخطوات

-1 Start>>all program>>oracle dev home>>configuration and migration tools>>net configratin assistace




2- نختار local net service name
configuration ثم نختار next

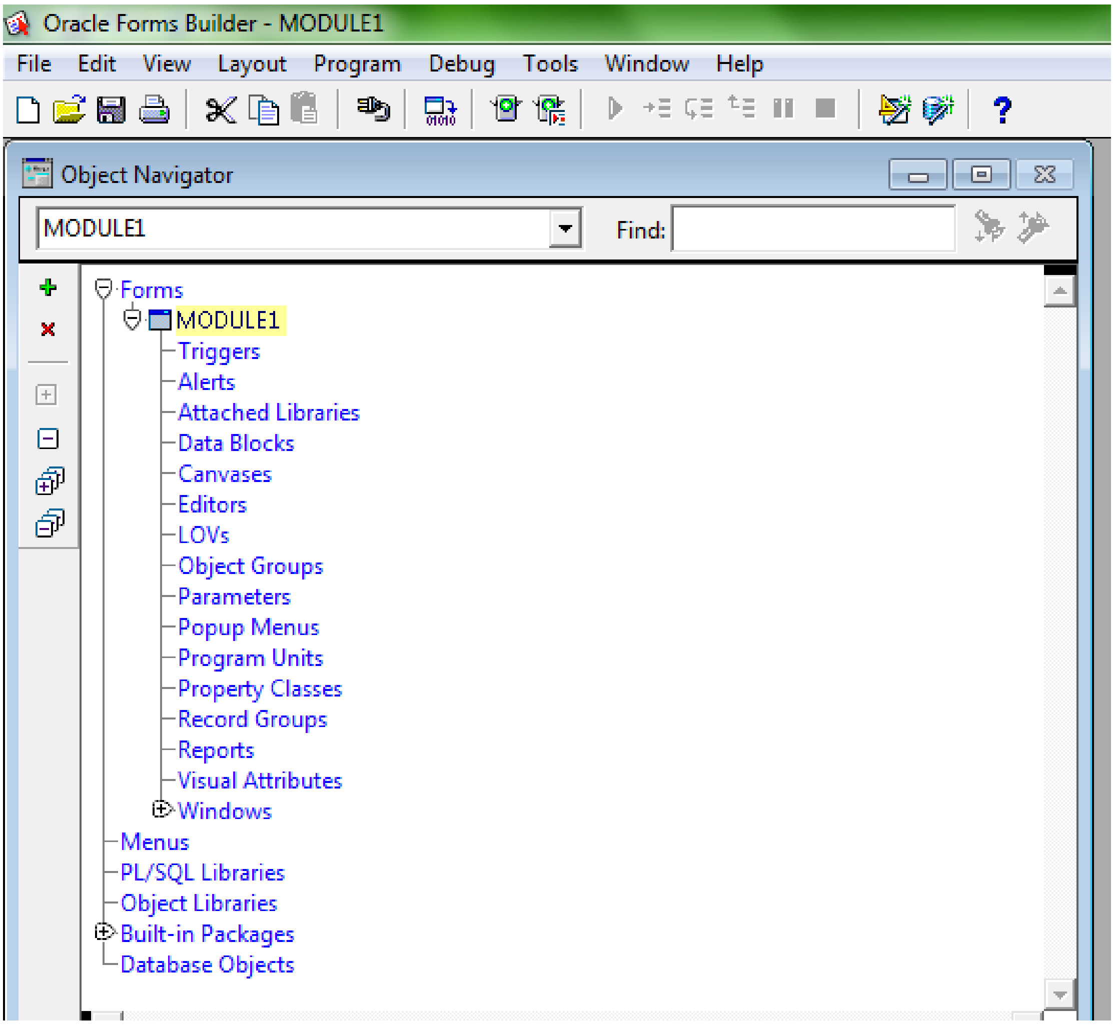
3- اذا كانت delete مفعلة نختارها ثم next
ثم next اي نمسح instace القديمة

4- ثم نرجع على نفس النافذة ونختار add ثم
next نحدد اسم قاعدة البيانات orcl ثم
next ثم tcp ثم next ثم ندخل اسم
الهوست local host اذا كان السيرفر نفس
الجهاز اما اذا كان في جهاز اخر ندخل ال IP
ثم next ثم yes,perform a test ثم
next ثم change login ثم ندخل اليوزر

نيم والباسوورد .وهنا اليوزر hr والباسوورد
Hr ثم ok يجب ان يضهر connection
test successful ثم next ثم next
ثم next ثم next ثم finsh

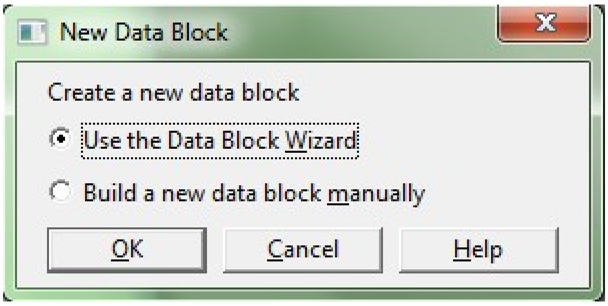
3- بعد ذلك نفتح Start>>all form billder program>>oracle developer>>form developer>>form bilder

4- تضهر النافذة التالية



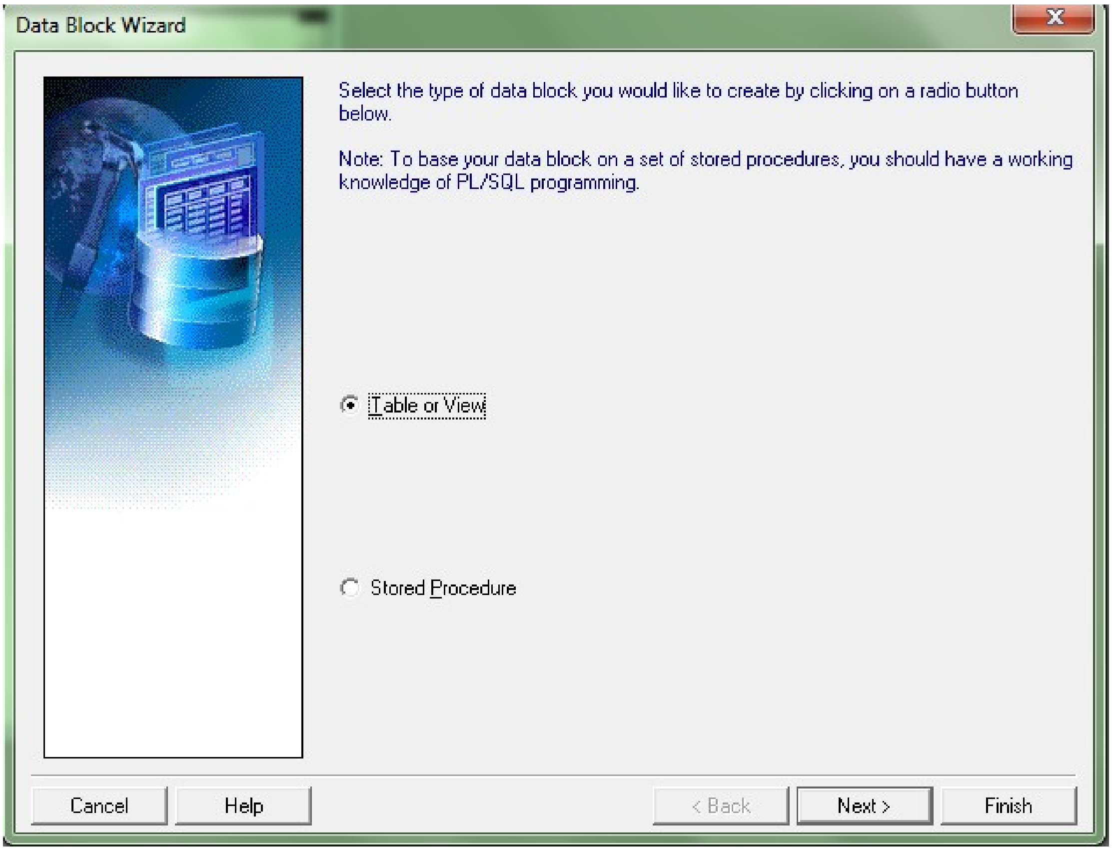
5- نؤشر على الdata block فتصبح بالاصفر ونضغط على علامة الزائد الخضراء

6- تضهر النافذة التالية



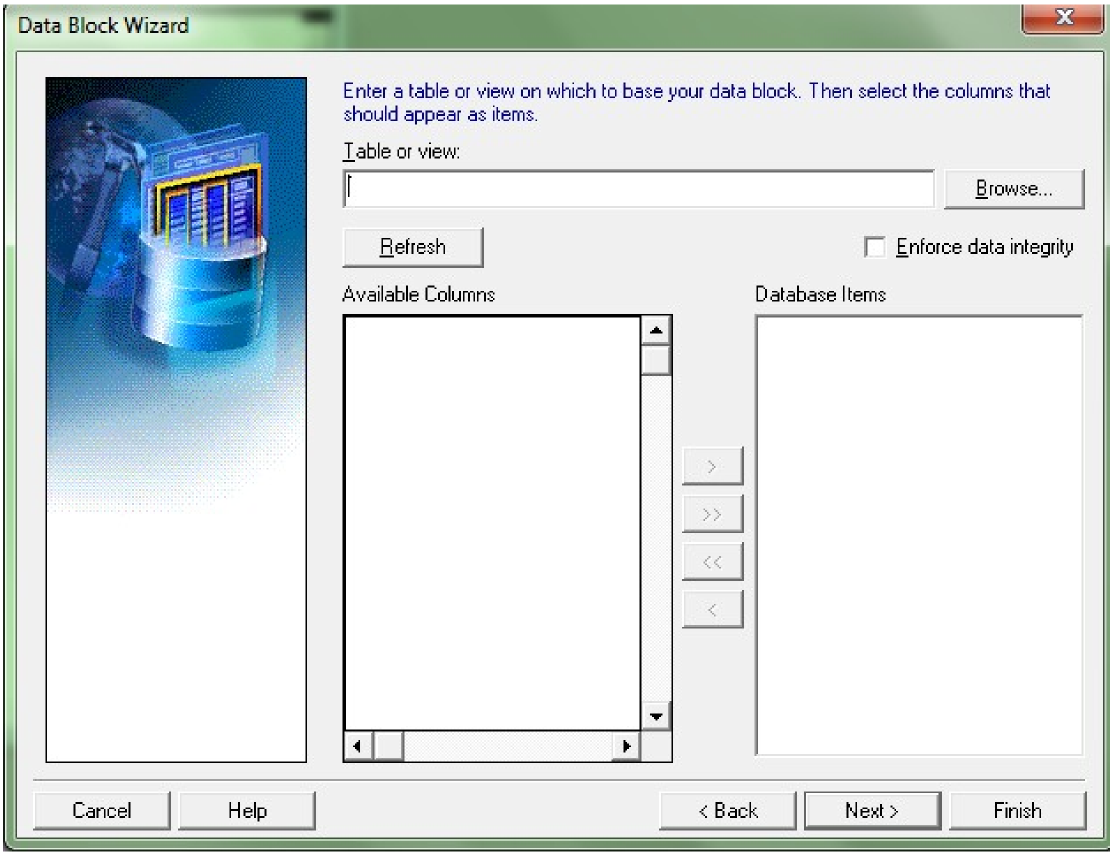

نختار by wizard ثم ok

7- تضهر

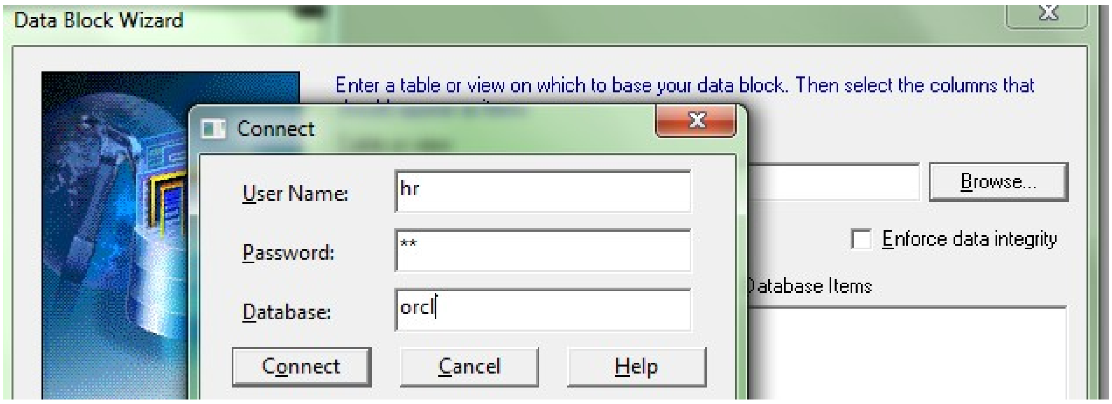



نختار next

8-

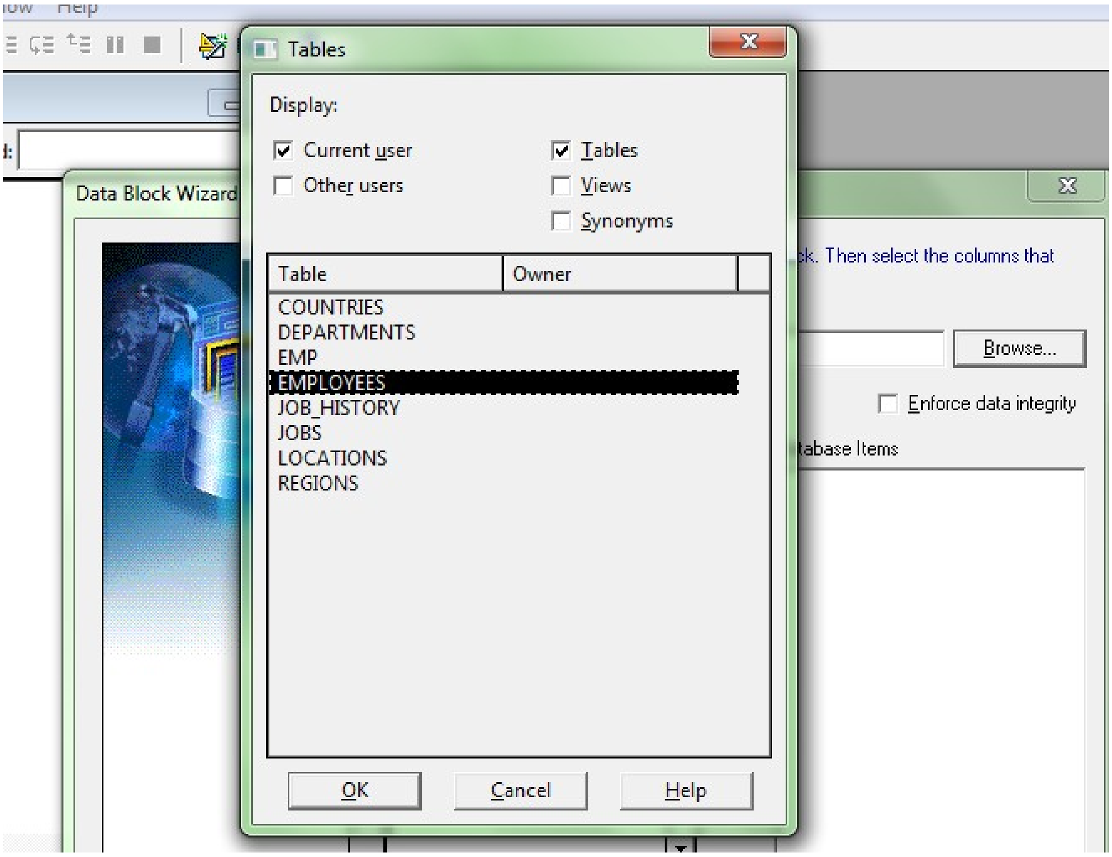



<<Browse

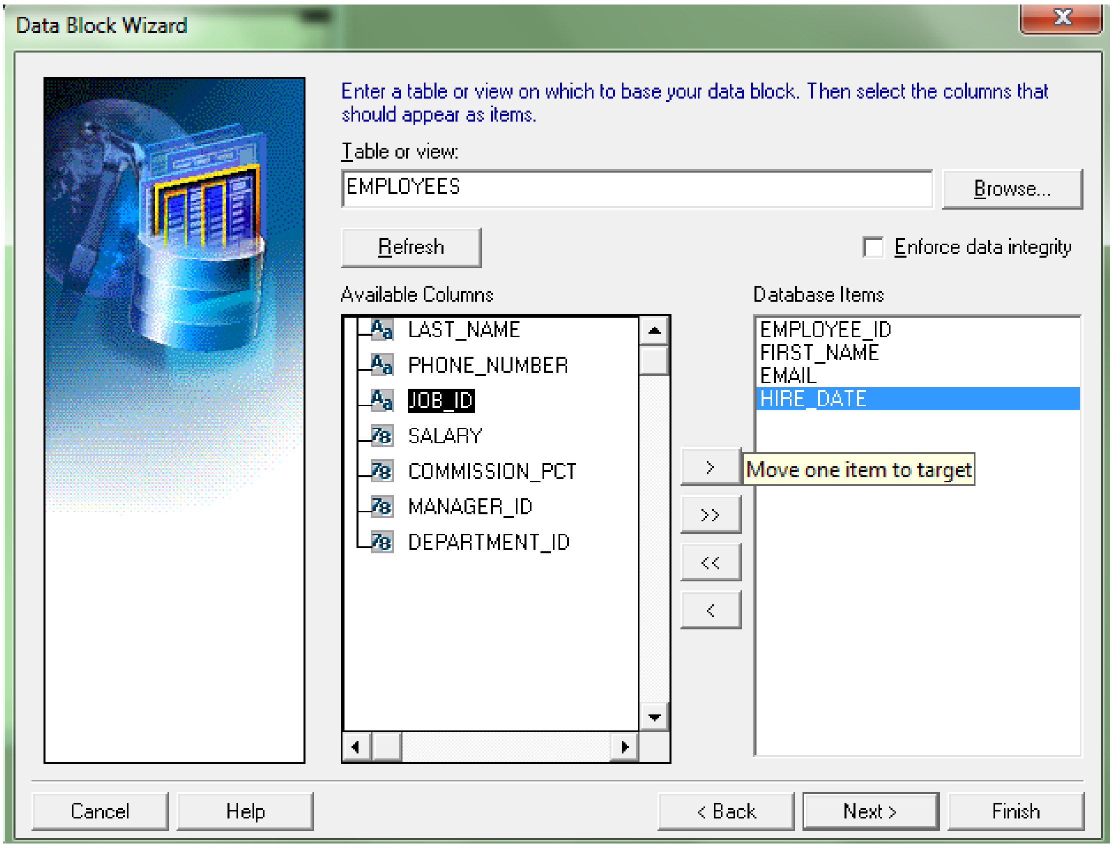



Connect

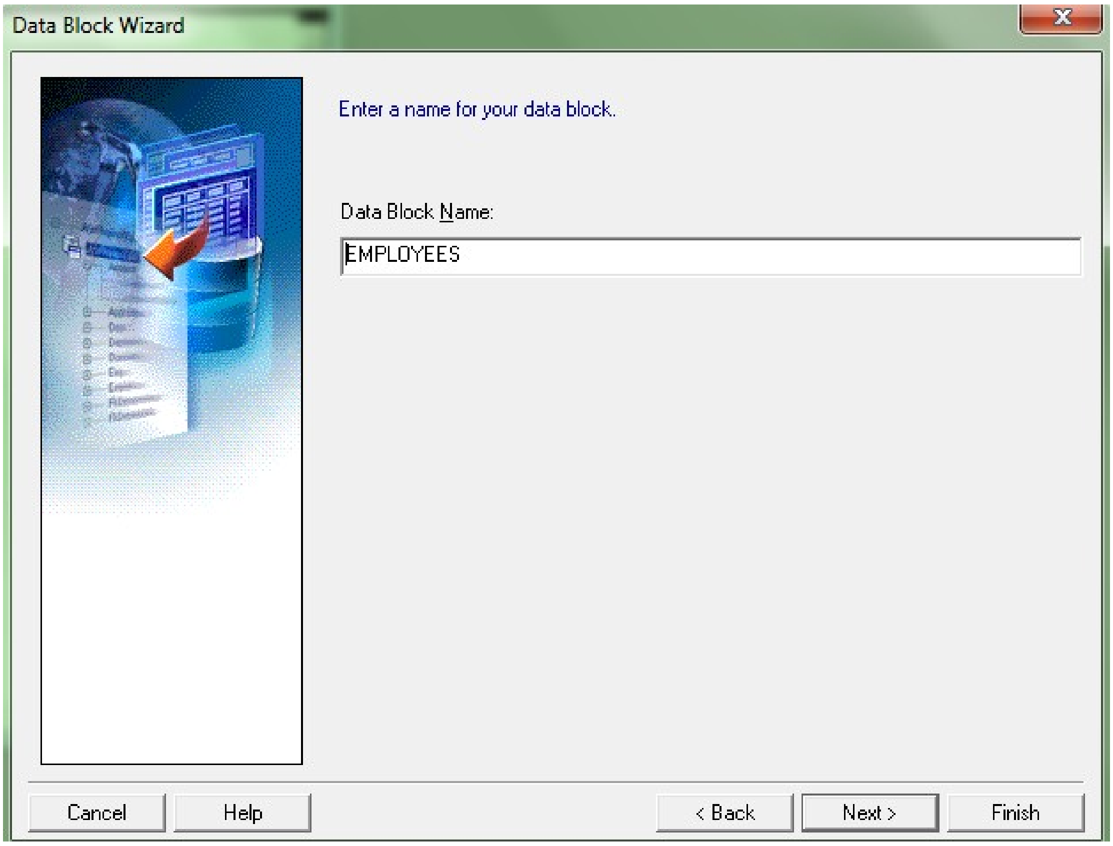
تضهر


Tables
Display:
Current user
Other users
Tables
Views
Synonyms
Table
Owner
COUNTRIES
DEPARTMENTS
EMP
EMPLOYEES
JOB_HISTORY
JOBS
LOCATIONS
REGIONS
OK
Cancel
Help
Data Block Wizard
Browse...
Enforce data integrity

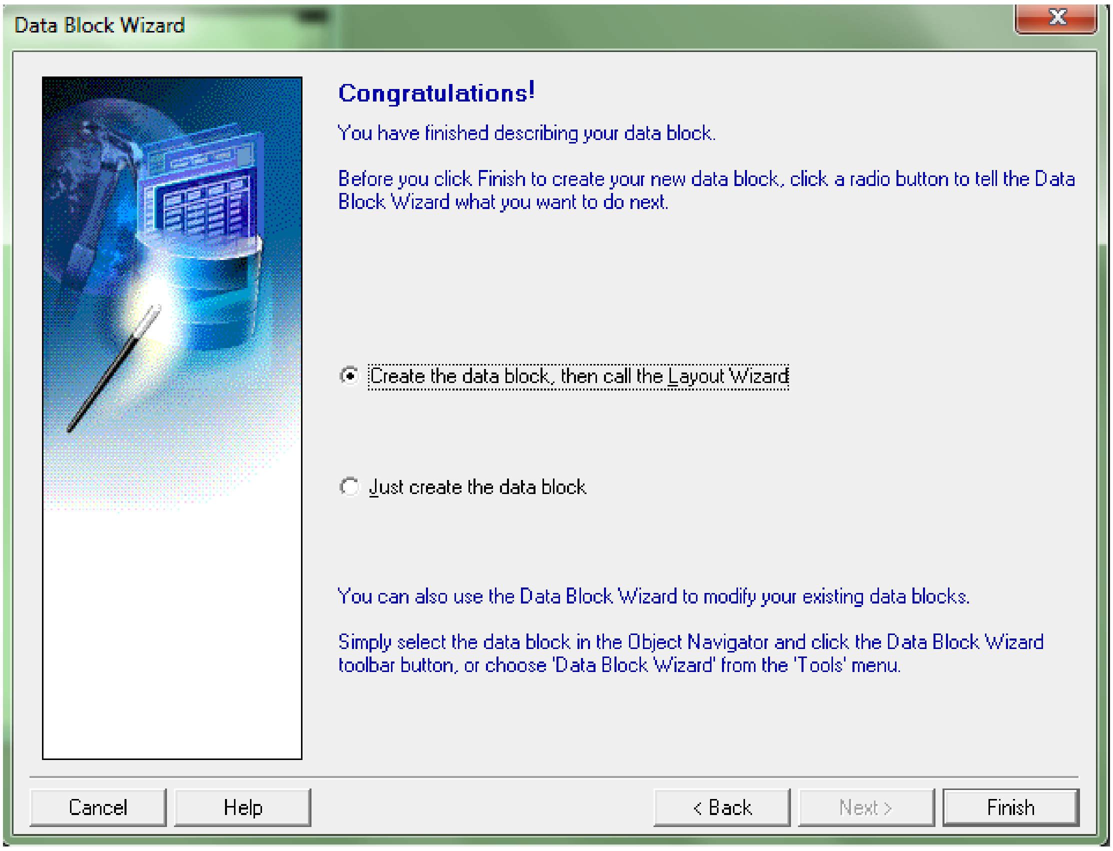
Ok


Data Block Wizard
Enter a table or view on which to base your data block. Then select the columns that should appear as items.
Table or view:
EMPLOYEES
Browse...
Refresh
Enforce data integrity
Available Columns
LAST_NAME
PHONE_NUMBER
JOB_ID
SALARY
COMMISSION_PCT
MANAGER_ID
DEPARTMENT_ID
Database Items
EMPLOYEE_ID
FIRST_NAME
EMAIL
HIRE_DATE
Move one item to target
Cancel
Help
< Back
Next >
Finish

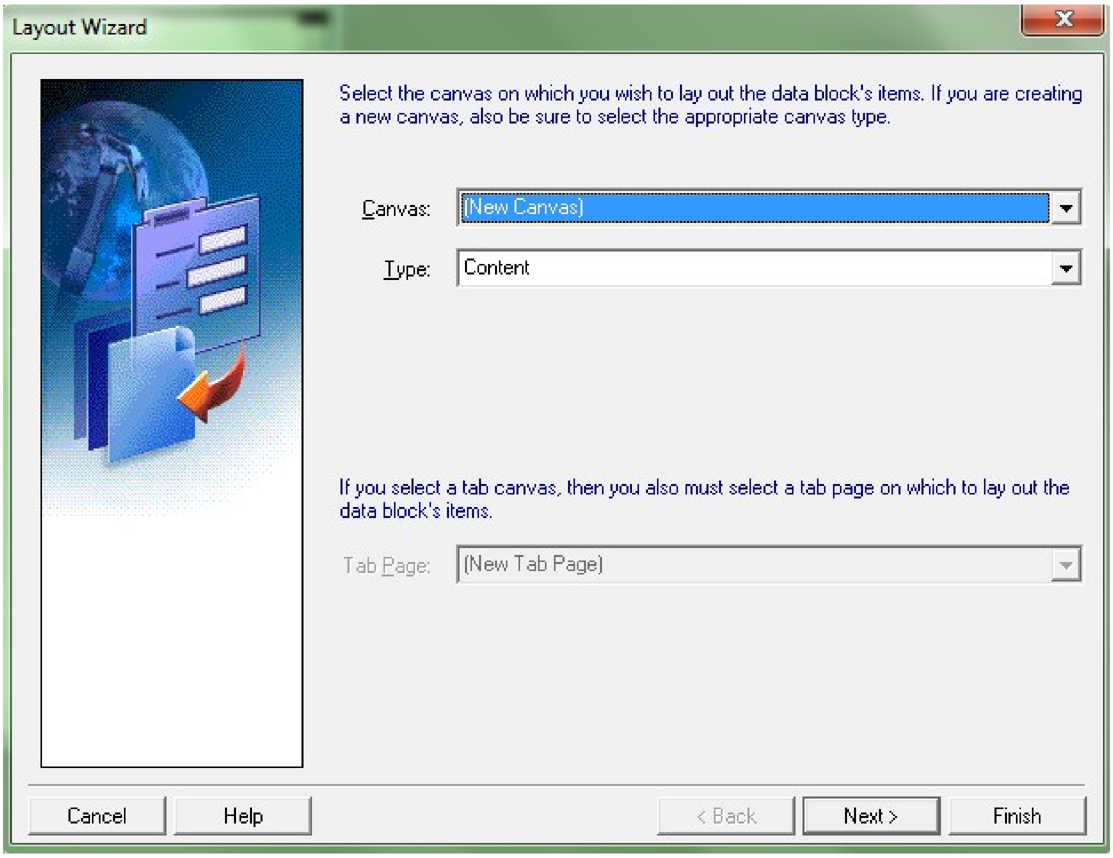
Next


Data Block Wizard
Enter a name for your data block.
Data Block Name:
EMPLOYEES
Cancel
Help
< Back
Next >
Finish

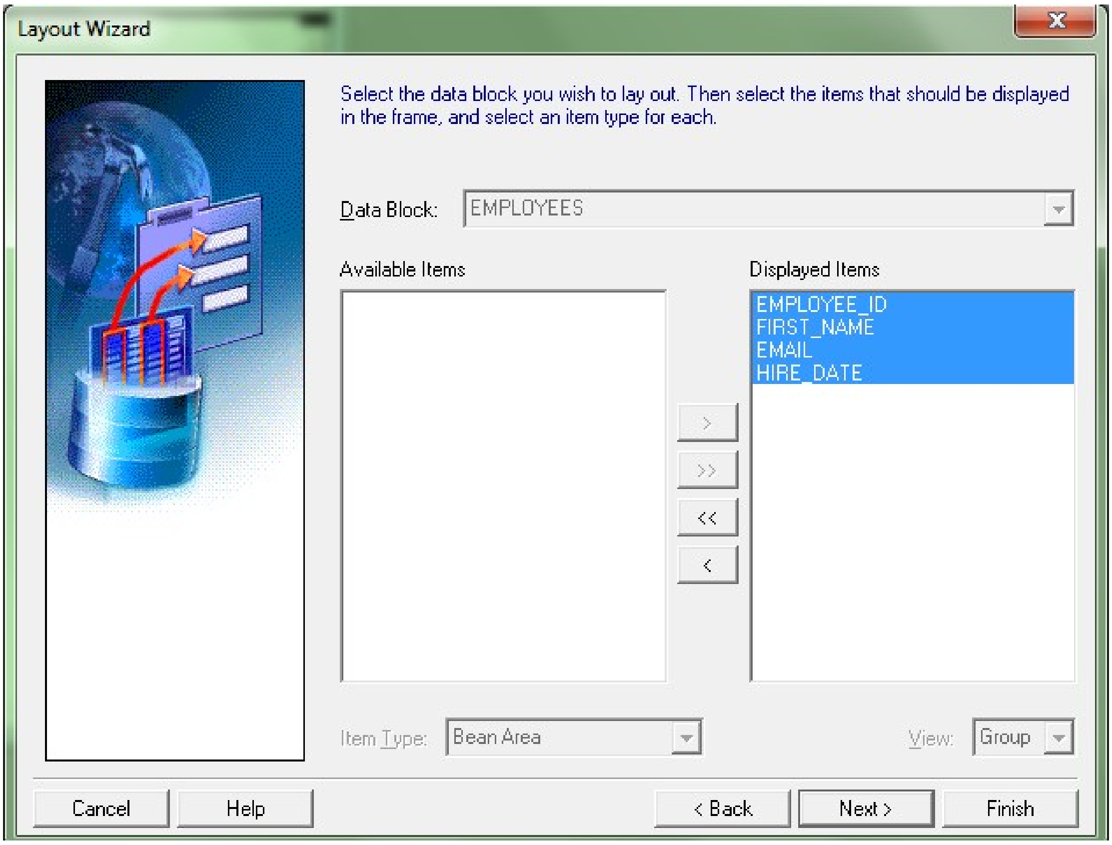
Next


Data Block Wizard
Congratulations!
You have finished describing your data block.
Before you click Finish to create your new data block, click a radio button to tell the Data Block Wizard what you want to do next.
Create the data block, then call the Layout Wizard
Just create the data block
You can also use the Data Block Wizard to modify your existing data blocks.
Simply select the data block in the Object Navigator and click the Data Block Wizard toolbar button, or choose 'Data Block Wizard' from the 'Tools' menu.
Cancel
Help
< Back
Next >
Finish

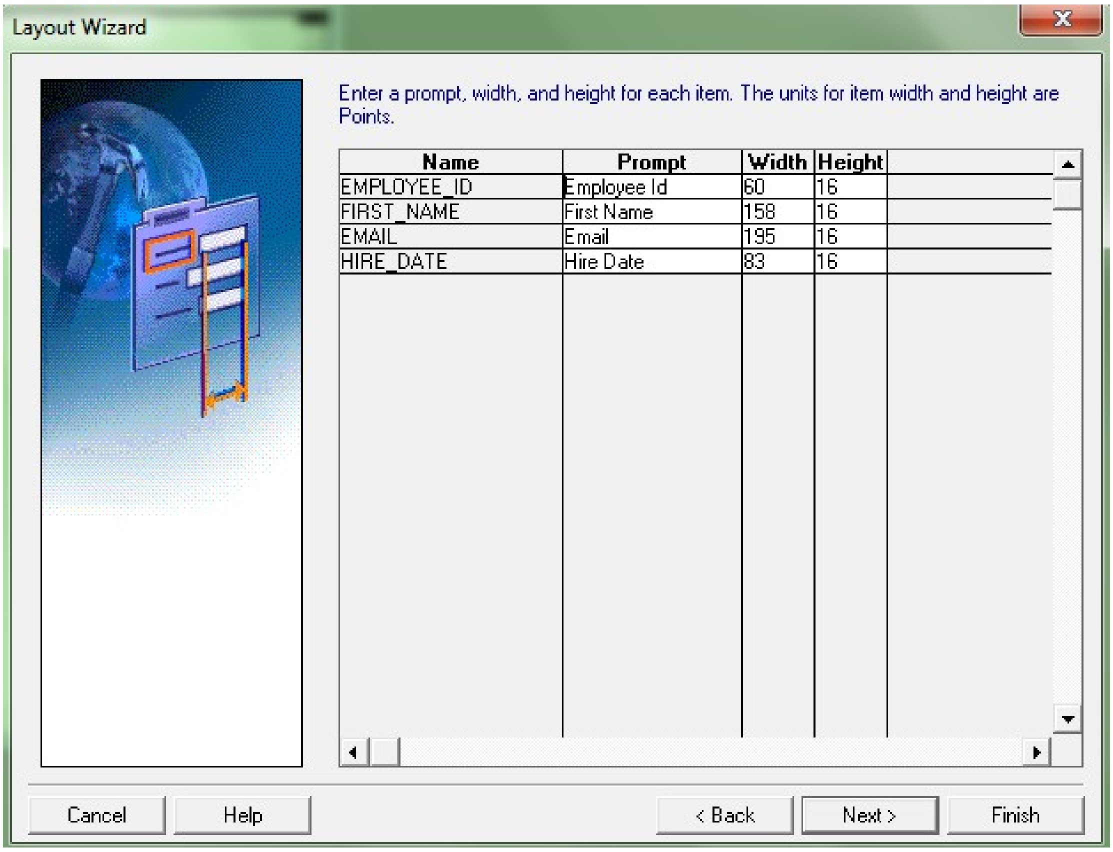
Finsh


Layout Wizard
Select the canvas on which you wish to lay out the data block's items. If you are creating a new canvas, also be sure to select the appropriate canvas type.
Canvas:
(New Canvas)
Type:
Content
If you select a tab canvas, then you also must select a tab page on which to lay out the data block's items.
Tab Page:
(New Tab Page)
Cancel
Help
< Back
Next >
Finish

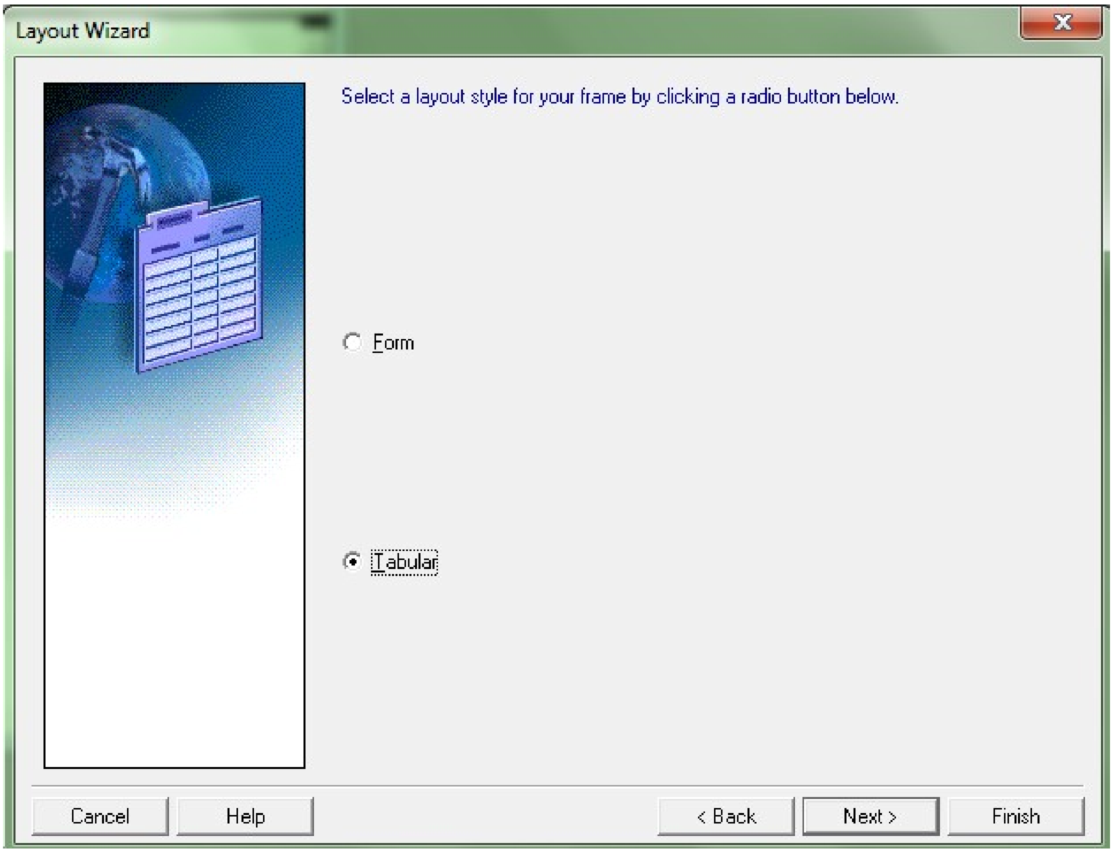
Next


Layout Wizard
Select the data block you wish to lay out. Then select the items that should be displayed in the frame, and select an item type for each.
Data Block:
EMPLOYEES
Available Items
Displayed Items
EMPLOYEE_ID
FIRST_NAME
EMAIL
HIRE_DATE
Item Type:
Bean Area
View:
Group
Cancel
Help
< Back
Next >
Finish

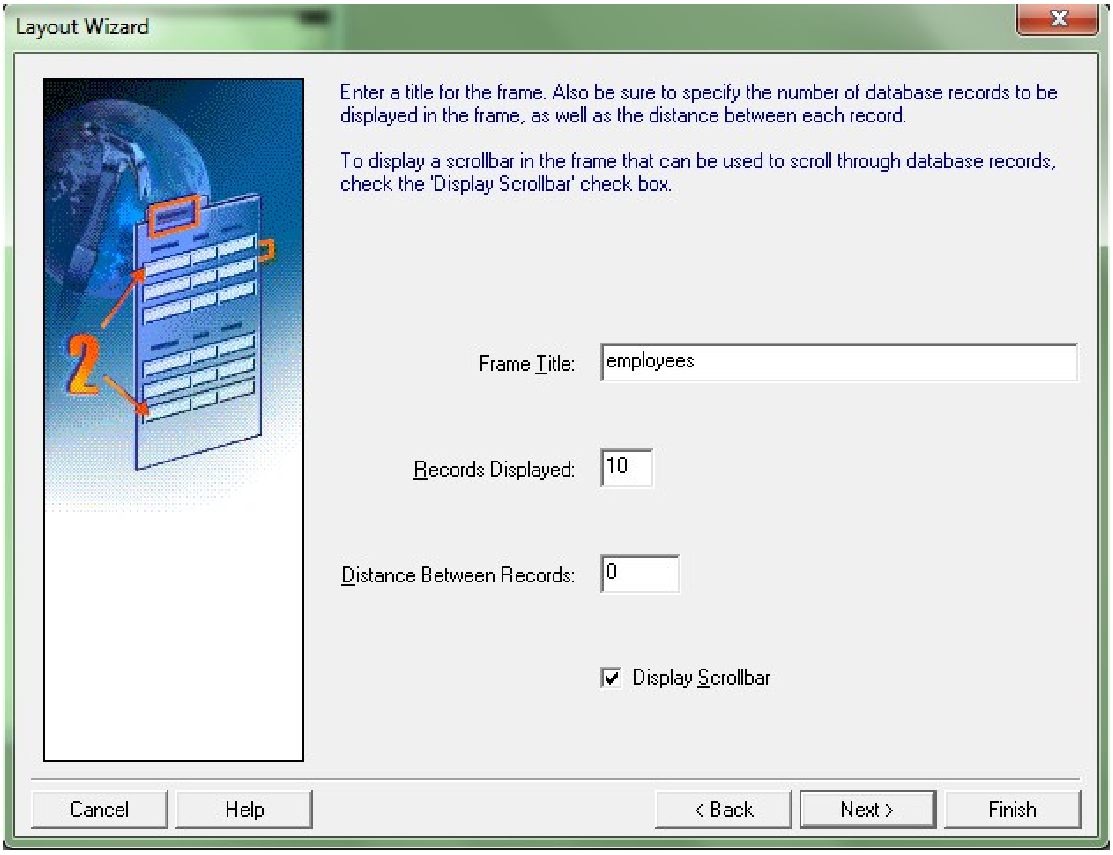
Next


Layout Wizard
Enter a prompt, width, and height for each item. The units for item width and height are Points.
Name
Prompt
Width
Height
EMPLOYEE_ID
Employee Id
60
16
FIRST_NAME
First Name
158
16
EMAIL
Email
195
16
HIRE_DATE
Hire Date
83
16
Cancel
Help
< Back
Next >
Finish

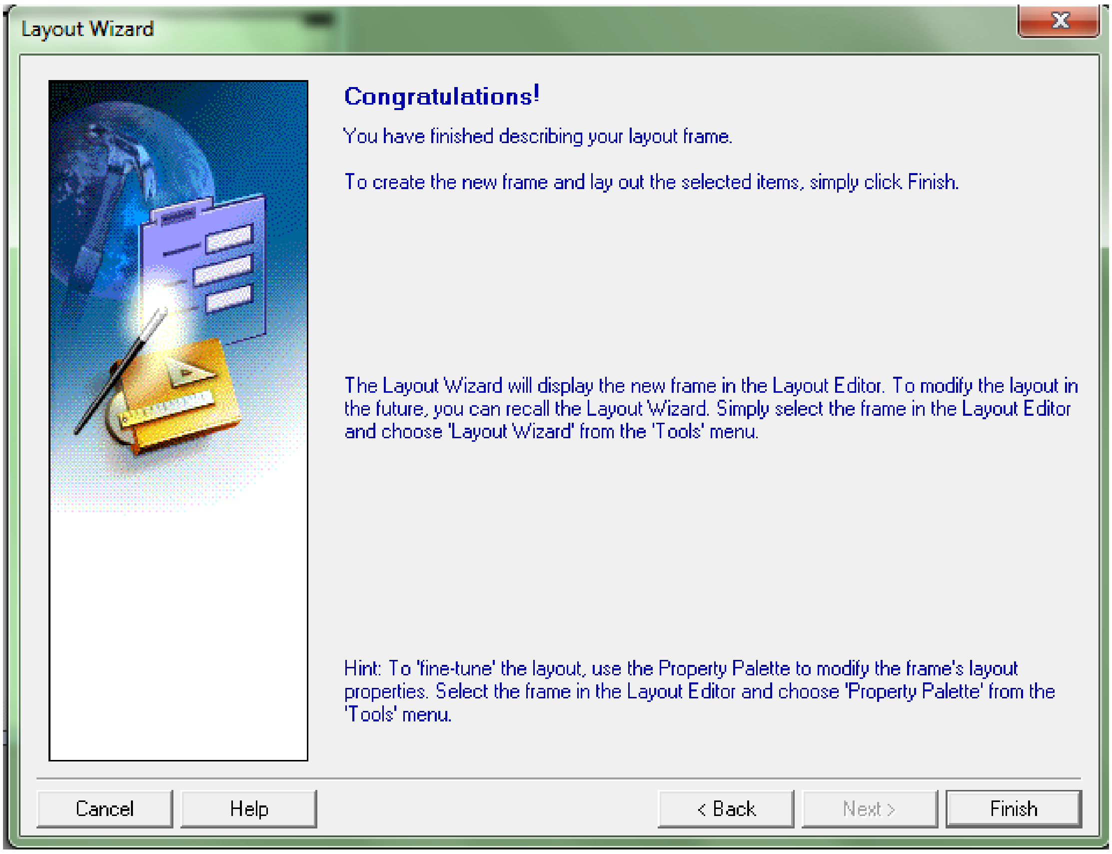
Next


Layout Wizard
Select a layout style for your frame by clicking a radio button below.
Form
Tabular
Cancel
Help
< Back
Next >
Finish

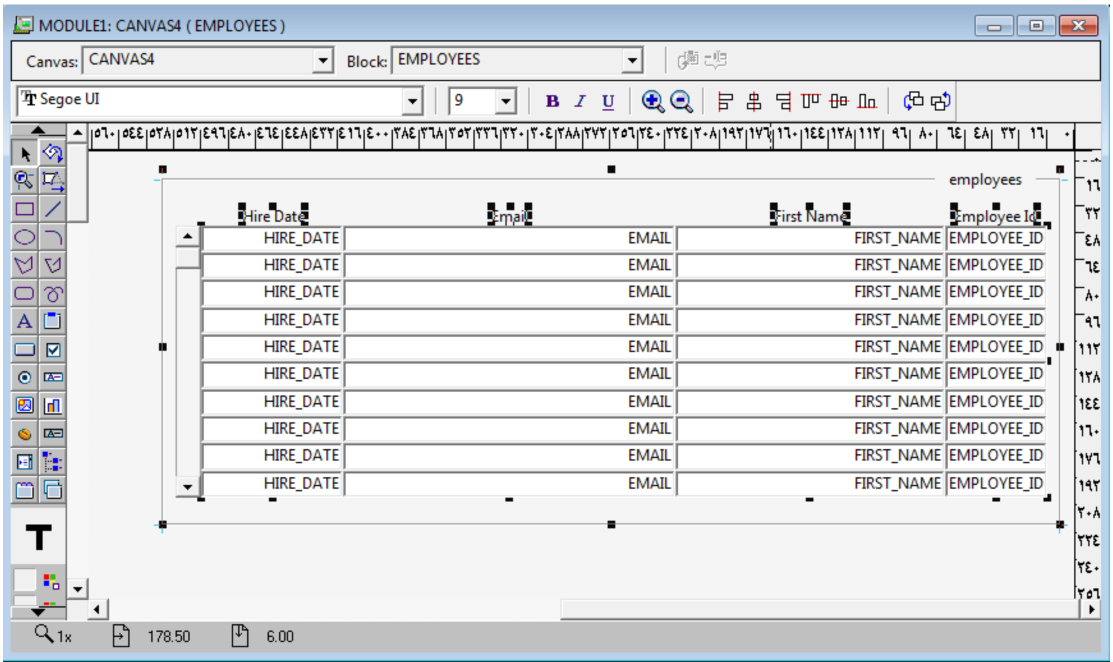
Next


Layout Wizard
Enter a title for the frame. Also be sure to specify the number of database records to be displayed in the frame, as well as the distance between each record.
To display a scrollbar in the frame that can be used to scroll through database records, check the 'Display Scrollbar' check box.
Frame Title:
employees
Records Displayed:
10
Distance Between Records:
0
Display Scrollbar
Cancel
Help
< Back
Next >
Finish

Next




Finsh

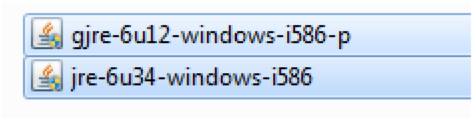



ملاحضات :-

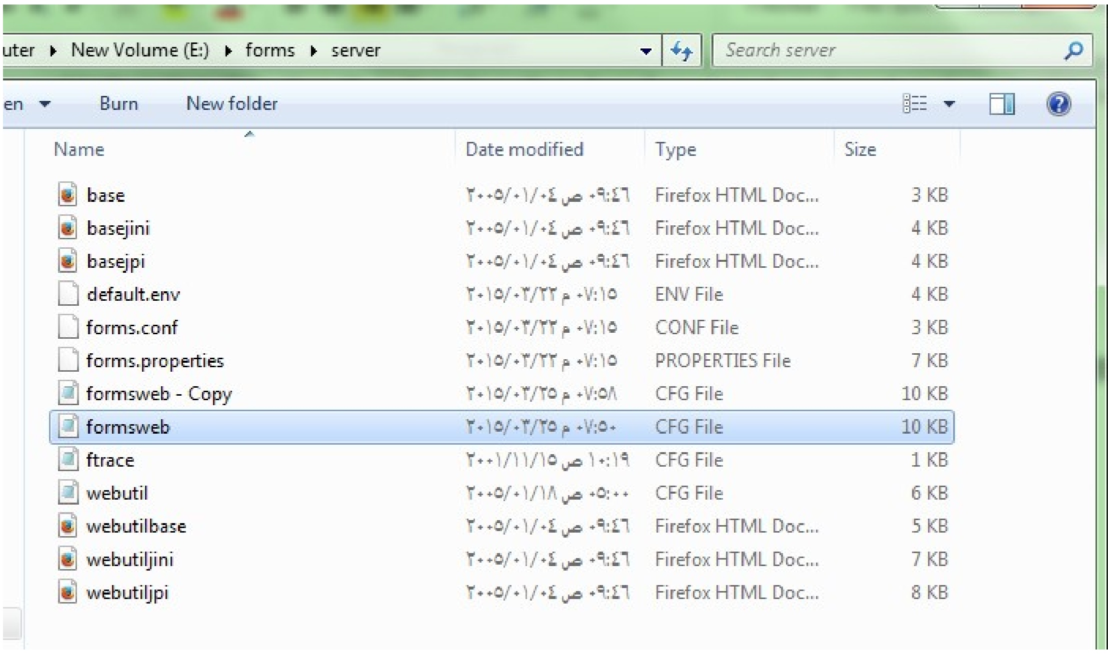
1- لعمل كومبايلر واكتشاف الاخطاء نضغط الزر 

2- للتنفيذ 

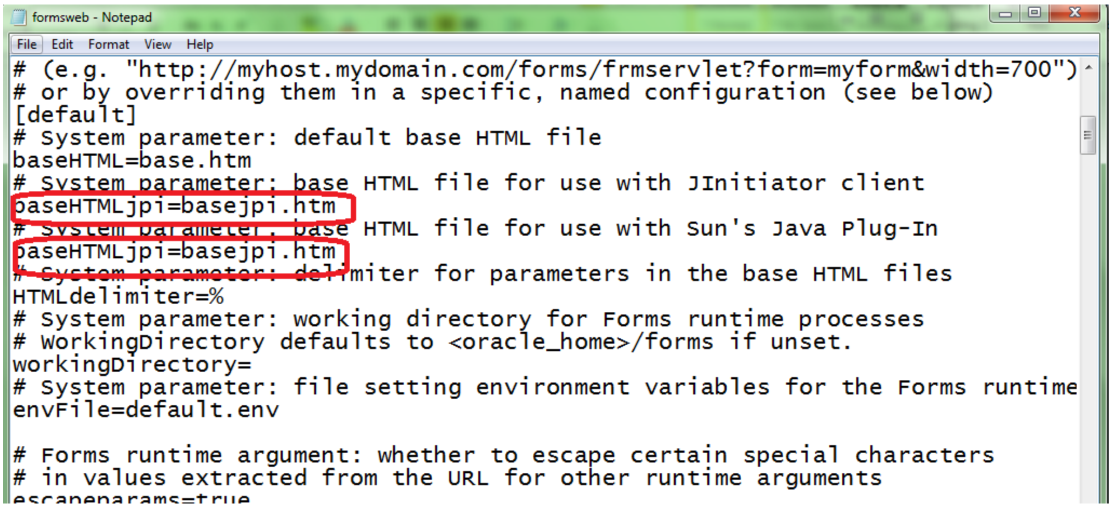
لتنفيذ الفورم على browser يجب تسطيب البرنامج java for brawser




يجب الذهاب الى مسار الفايل داخل الاوراكل ديفيلوبر




نفتحه ونعدل فيصبح كما في المضلل

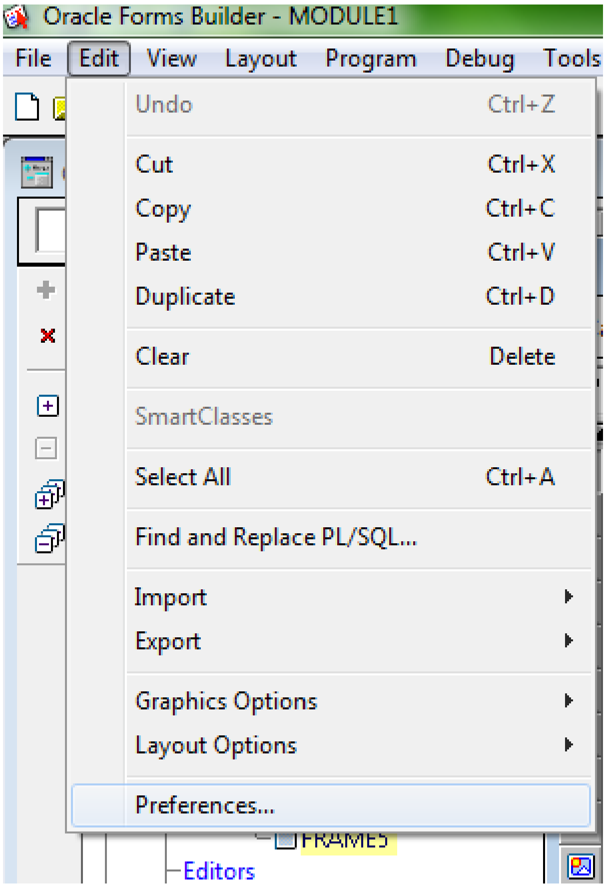



```
# (e.g. "http://myhost.mydomain.com/forms/frmservlet?form=myform&width=700")
# or by overriding them in a specific, named configuration (see below)
[default]
# System parameter: default base HTML file
baseHTML=base.htm
# System parameter: base HTML file for use with JInitiator client
baseHTMLjpi=basejpi.htm
# System parameter: base HTML file for use with Sun's Java Plug-In
baseHTMLjpi=basejpi.htm
# System parameter: delimiter for parameters in the base HTML files
HTMLdelimiter=%
# System parameter: working directory for Forms runtime processes
# WorkingDirectory defaults to <oracle_home>/forms if unset.
workingDirectory=
# System parameter: file setting environment variables for the Forms runtime
envFile=default.env

# Forms runtime argument: whether to escape certain special characters
# in values extracted from the URL for other runtime arguments
escapeparams=true
```

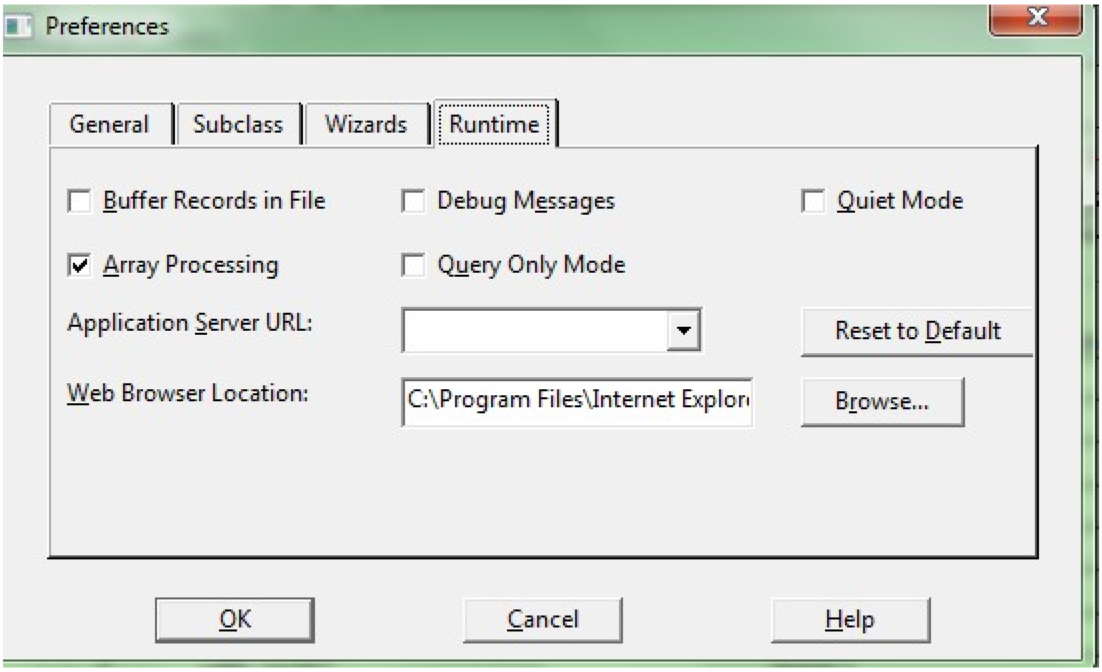
ثم save للفايل

ثم نذهب للفورم بلدر

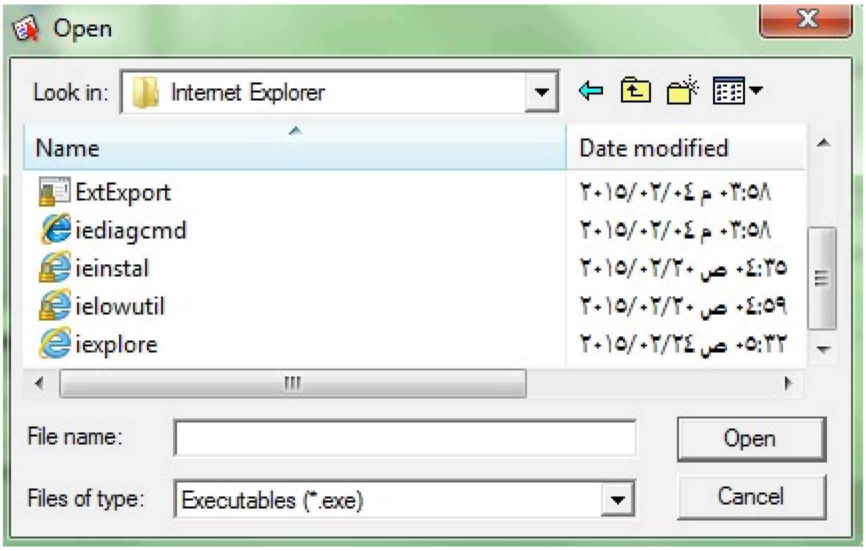



نختار perferences

تضهر



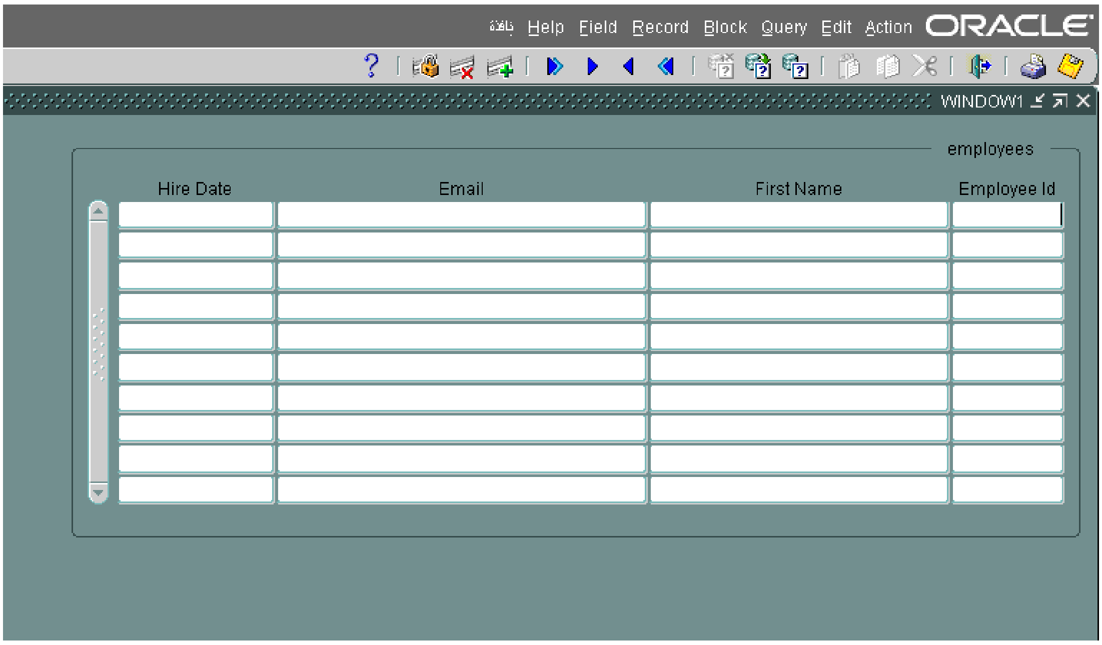

نختار browser ثم نذهب الى internet explorer



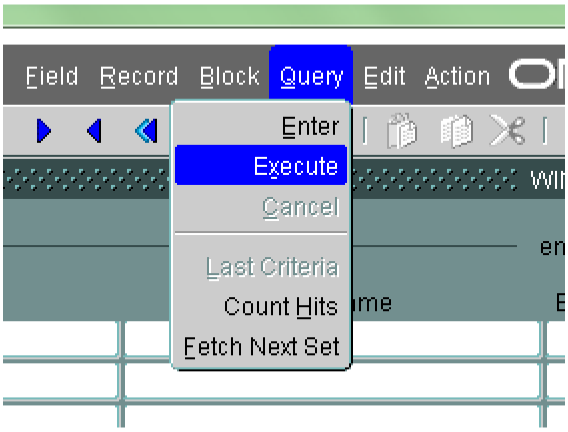

نختار iexplore ثم ok

ثم ننفذ

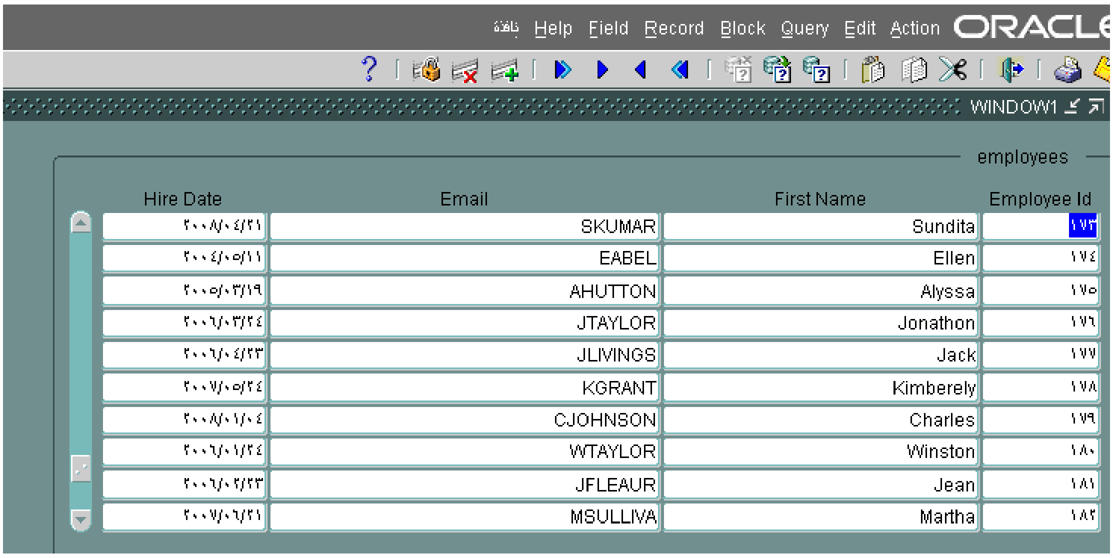
فتضهر




بعد ضهور النافذة نختار



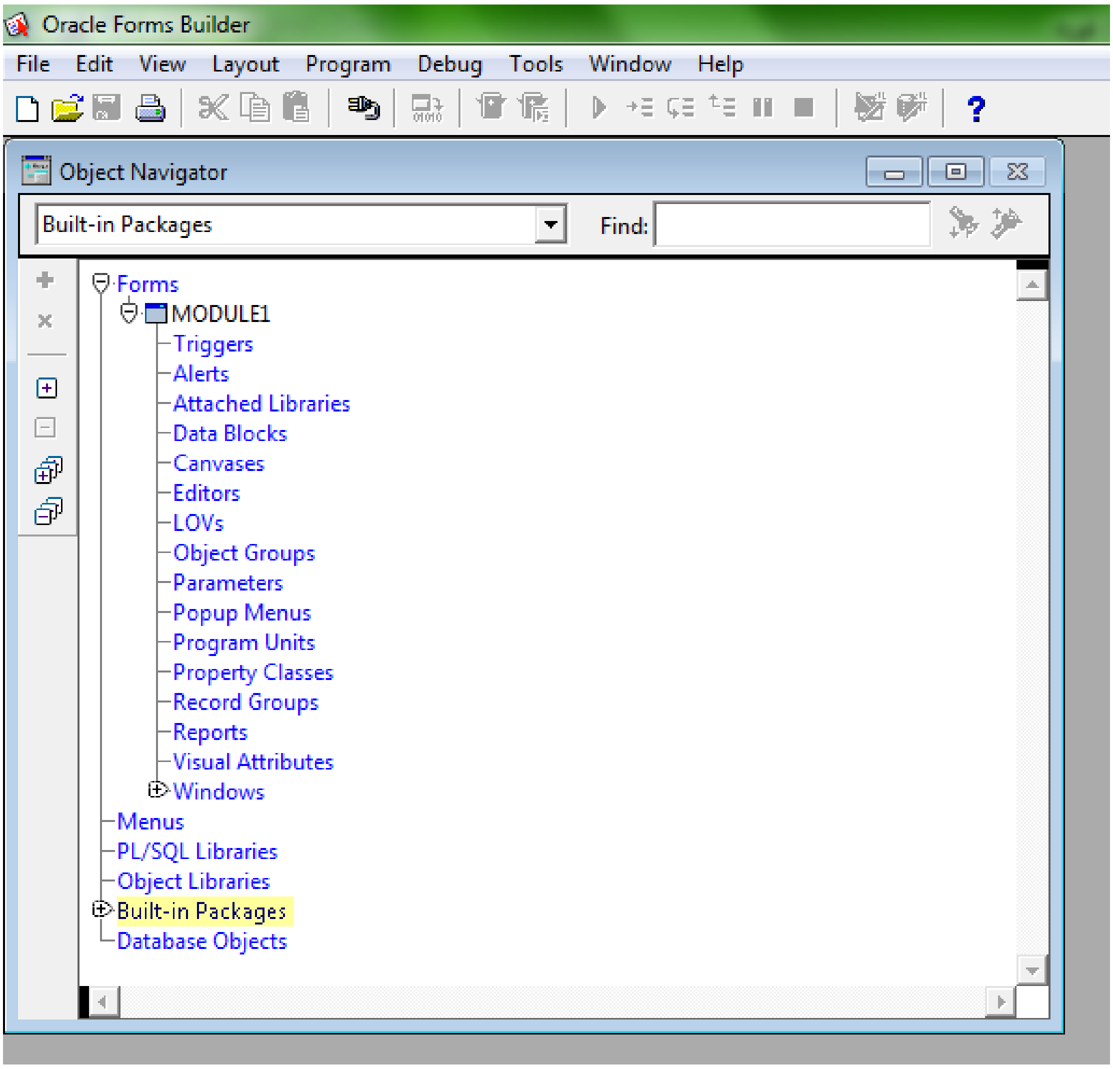

تضهر المحتويات



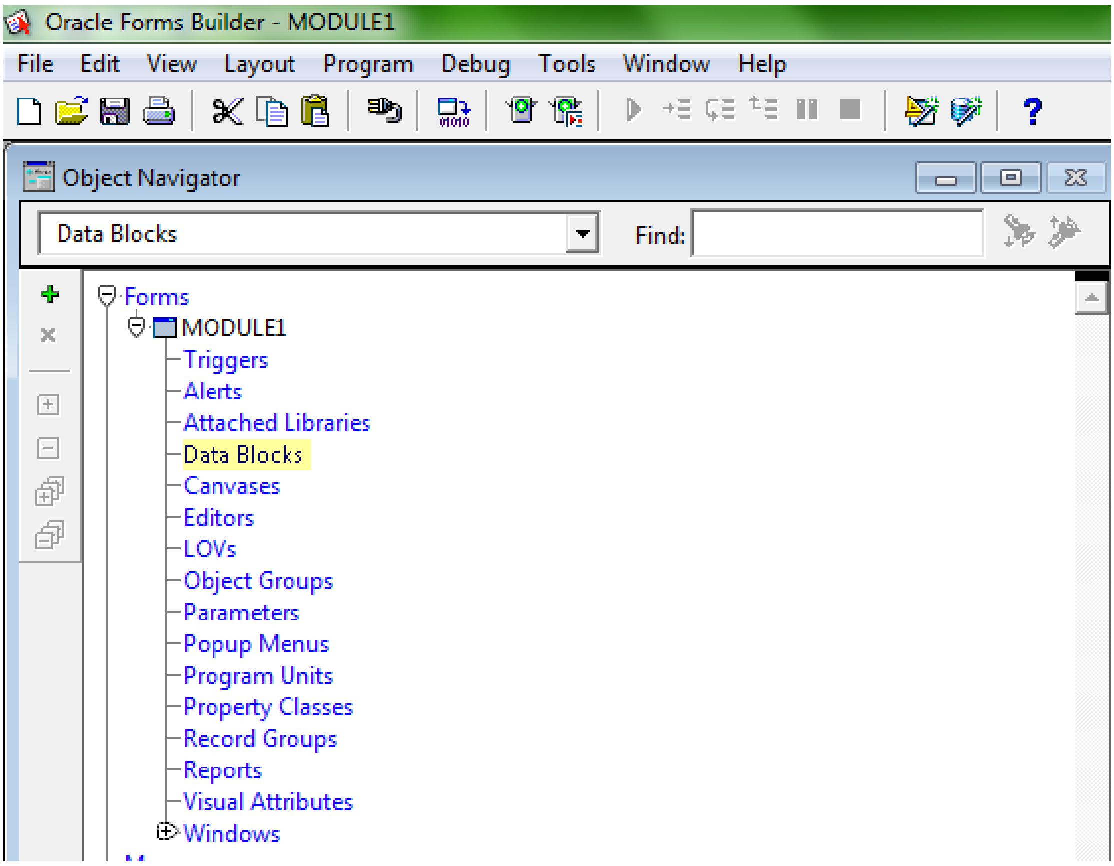

لعمل فورم بستخدام طريقة manual

بعد فتح الفورم بلدر

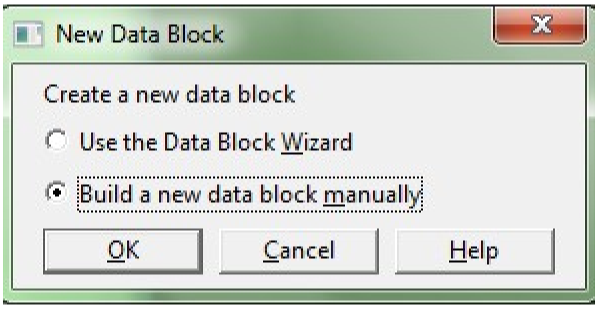
للربط الفورم مع قاعدة البيانات نضغط الزر  وندخل اليوزر نيم والباسوورد




نحدد data block ثم +

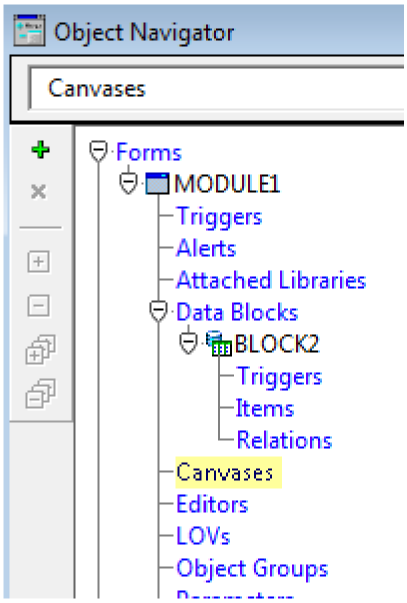


Oracle Forms Builder - MODULE1
File Edit View Layout Program Debug Tools Window Help
Object Navigator
Data Blocks
Find:
Forms
MODULE1
Triggers
Alerts
Attached Libraries
Data Blocks
Canvases
Editors
LOVs
Object Groups
Parameters
Popup Menus
Program Units
Property Classes
Record Groups
Reports
Visual Attributes
Windows

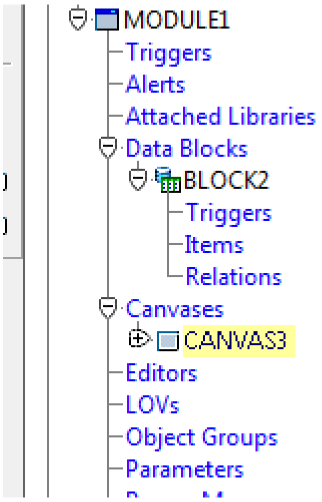



New Data Block
Create a new data block
Use the Data Block Wizard
Build a new data block manually
OK
Cancel
Help

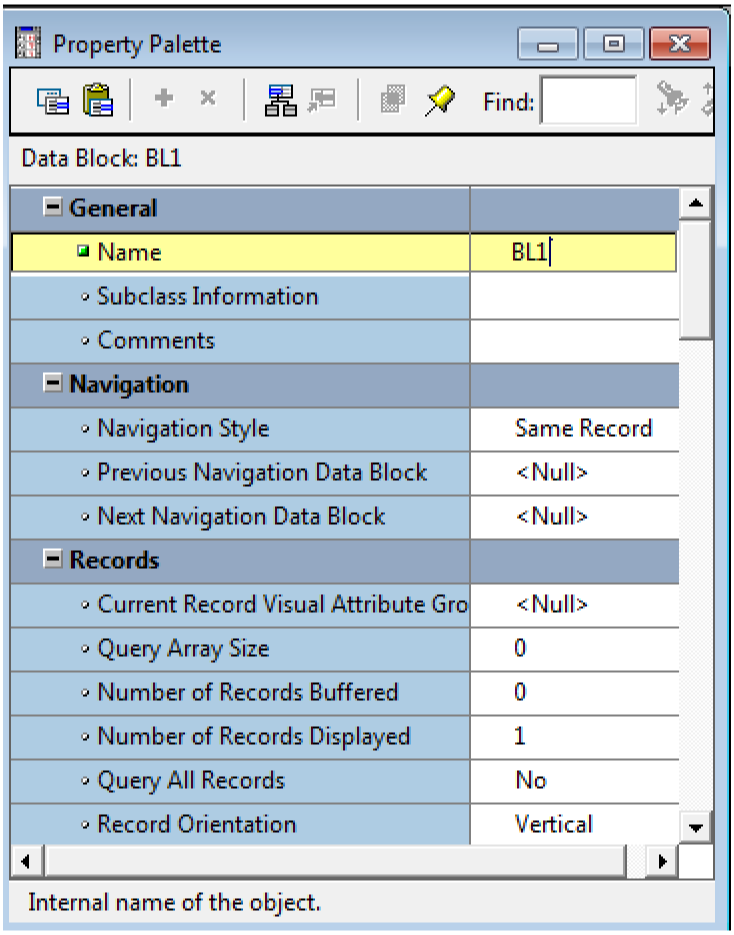

Ok



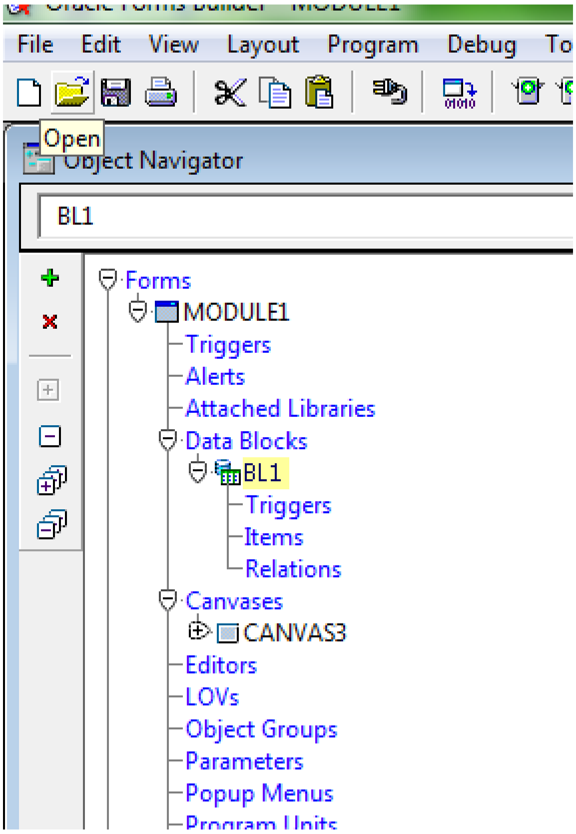

نؤشر على ال convases ثم +



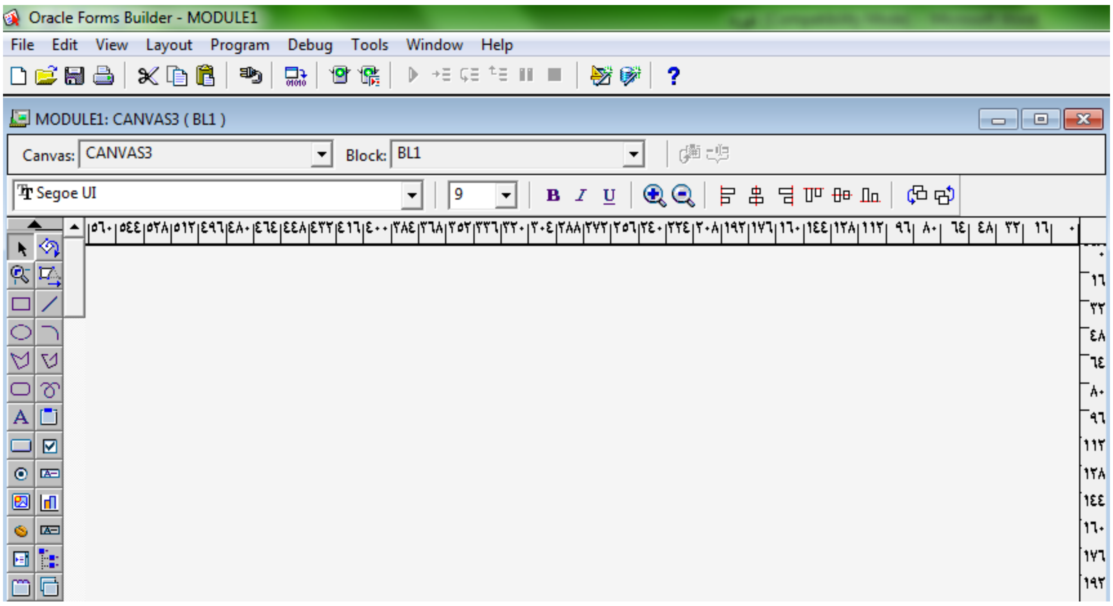

نؤشر على الداتا بلوك ثم نضغط على F4 تضهر النافذة التالية



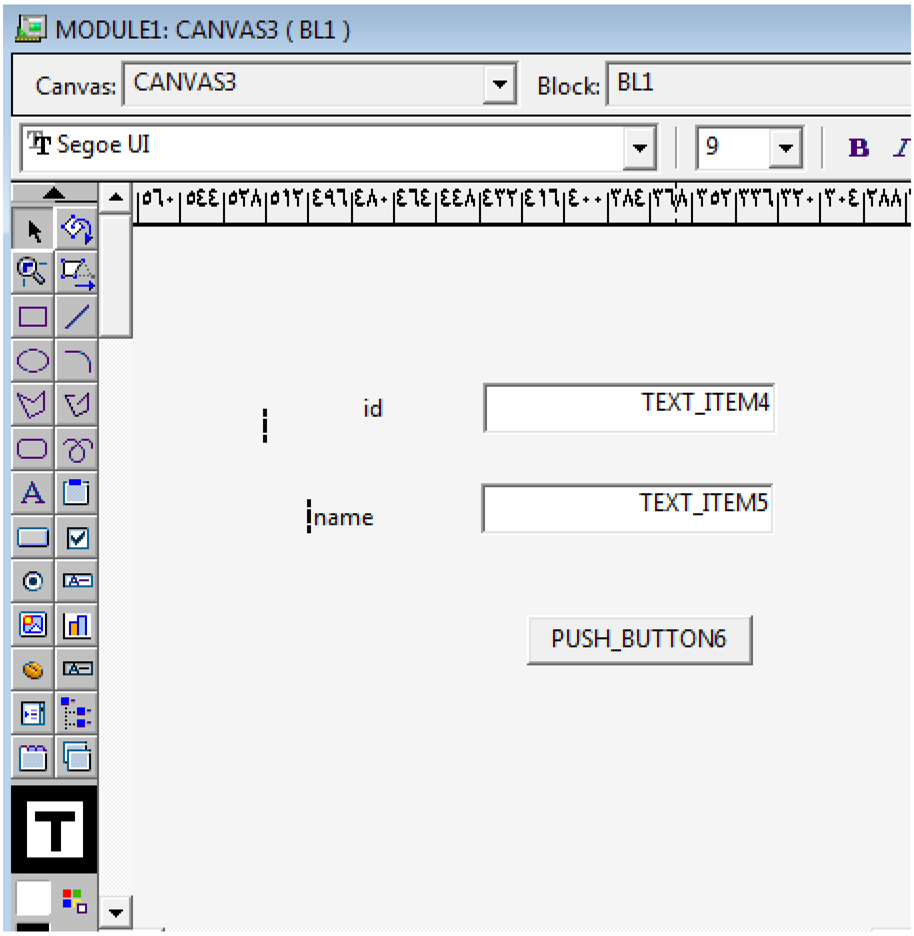

ثم نغلق النافذة



نضغط على F2 بعد التاشير على البلوك bl1 تضهر النافذة التالية

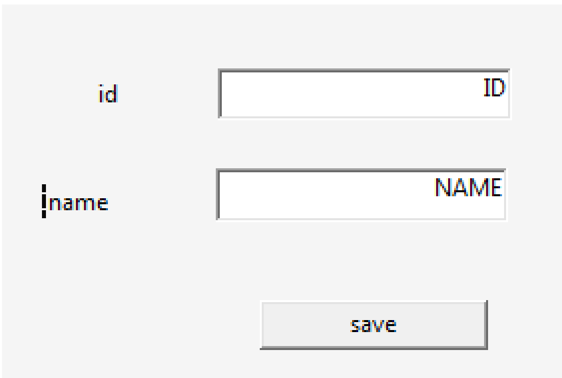


نضع نصوص (leble) ومربعين للنصوص مع زر فتصبح

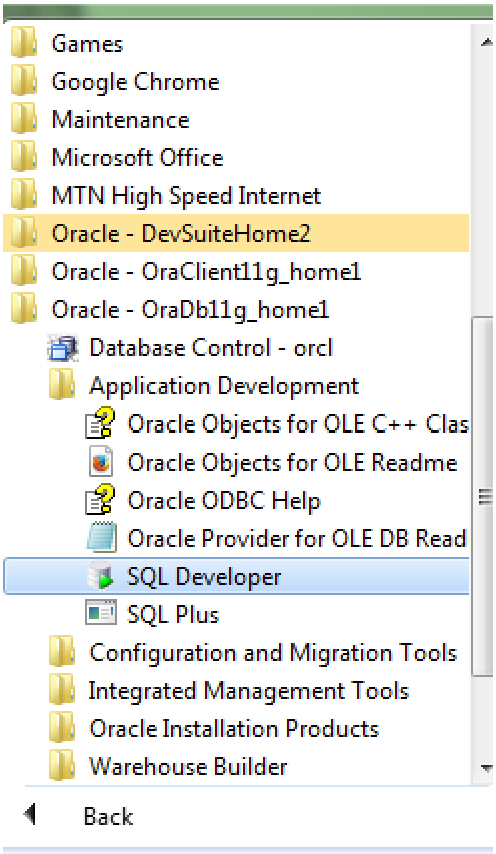


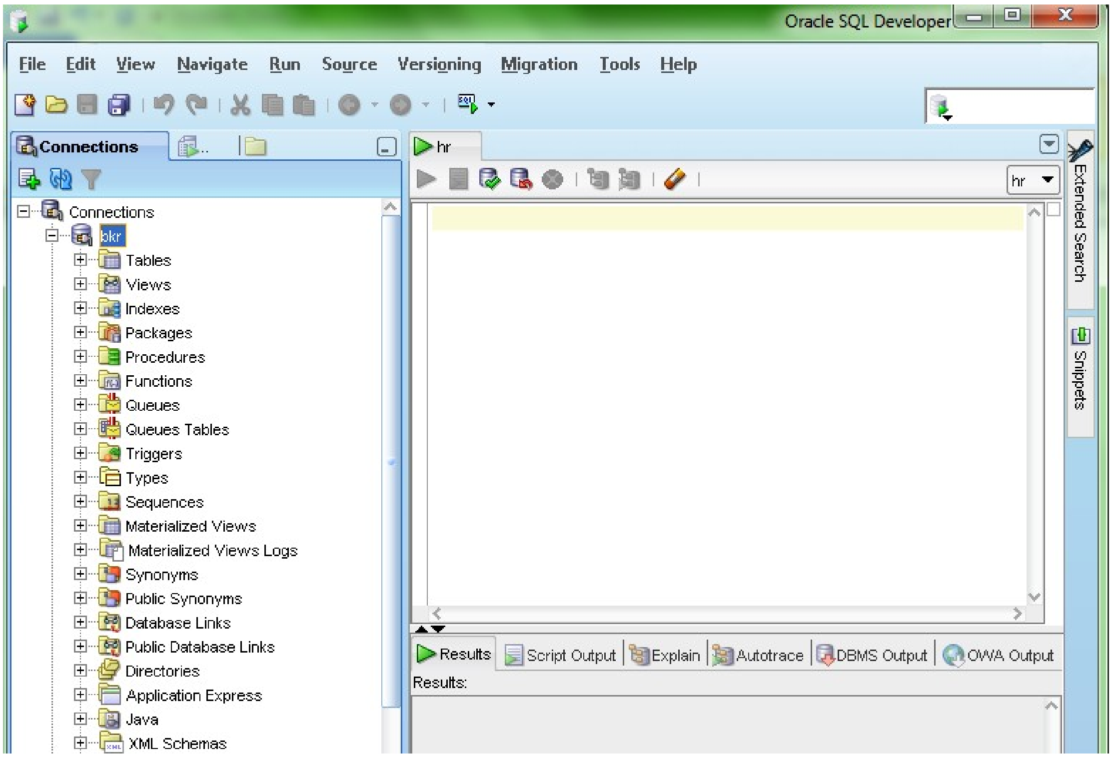

نغير اسماء مربع النص بالتاشير عليه ثم الضغط على F4

ونغير الاسم الضاهر على الزر لجعل النافذة كما في الشكل

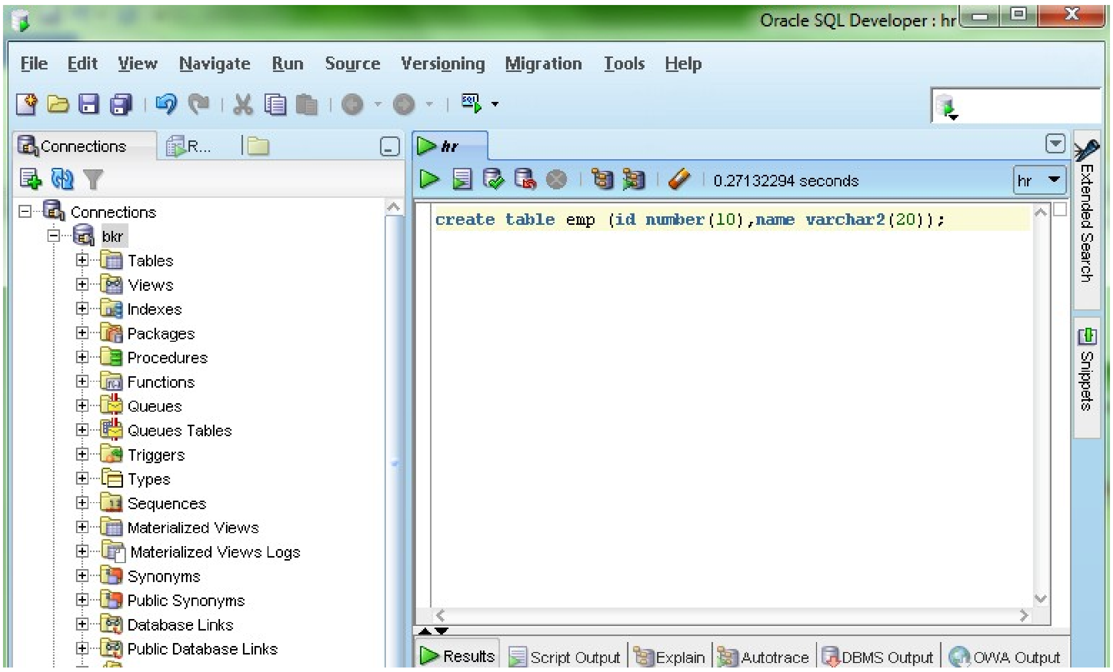


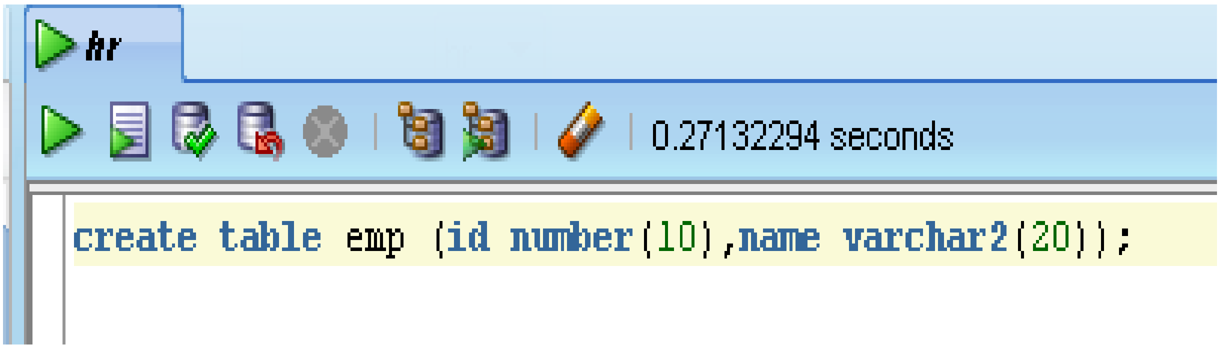
لحد هذه المرحلة يجب ان يكون هناك جدول في الداتا بيس للربط بينهما فننشى جدول في الداتا بيس مكون من عمودين



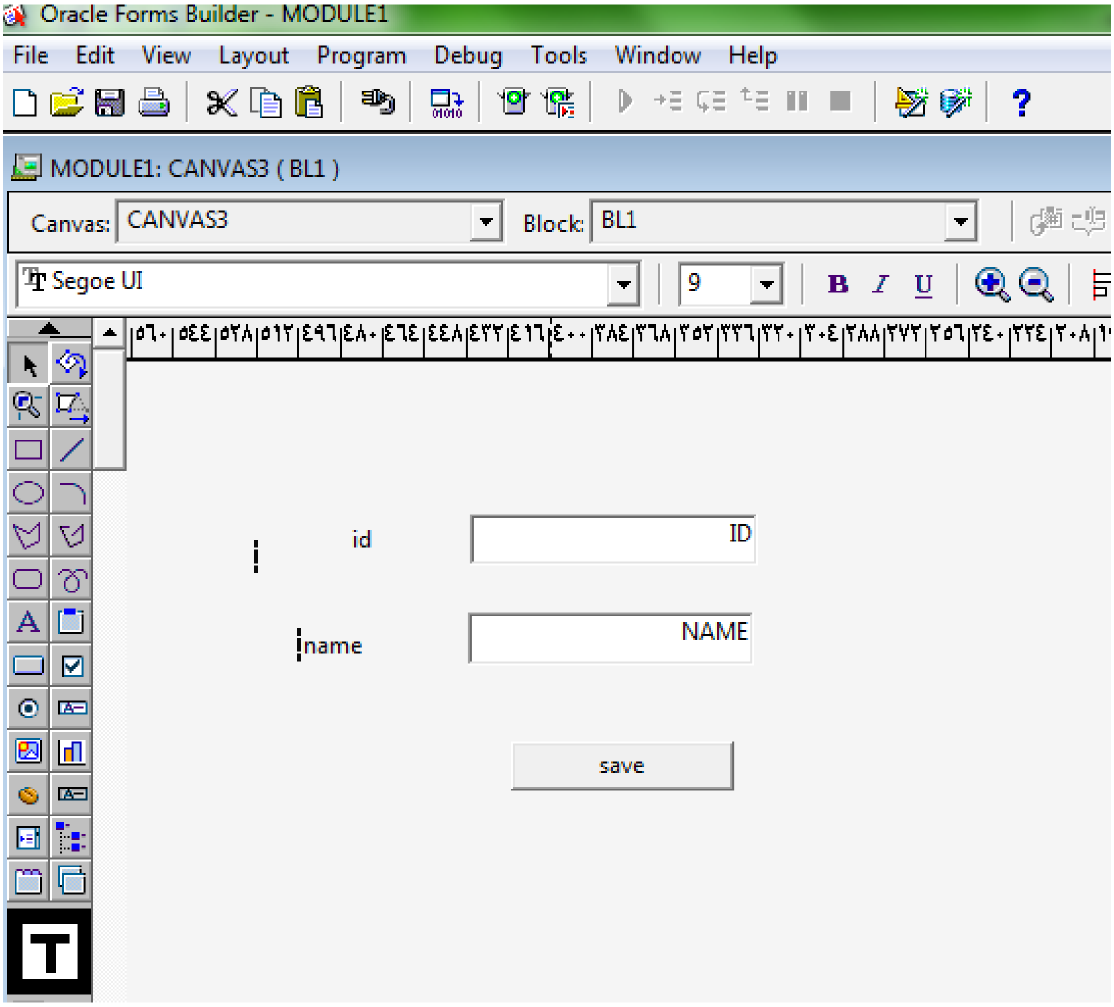

Oracle SQL Developer
File Edit View Navigate Run Source Versioning Migration Tools Help
Connections
hr
Extended Search
Snippets
Connections
bkr
Tables
Views
Indexes
Packages
Procedures
Functions
Queues
Queues Tables
Triggers
Types
Sequences
Materialized Views
Materialized Views Logs
Synonyms
Public Synonyms
Database Links
Public Database Links
Directories
Application Express
Java
XML Schemas
Results
Script Output
Explain
Autotrace
DBMS Output
OWA Output
Results:

نكتب

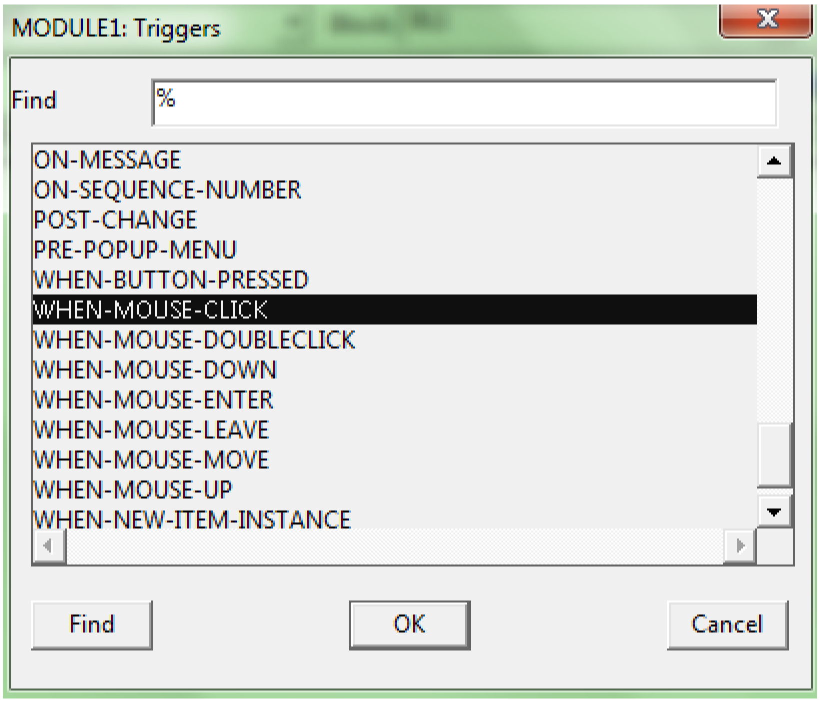

Oracle SQL Developer : hr
File Edit View Navigate Run Source Versioning Migration Tools Help
Connections
R...
hr
0.27132294 seconds
create table emp (id number(10),name varchar2(20));
Extended Search
Snippets
Connections
bkr
Tables
Views
Indexes
Packages
Procedures
Functions
Queues
Queues Tables
Triggers
Types
Sequences
Materialized Views
Materialized Views Logs
Synonyms
Public Synonyms
Database Links
Public Database Links
Results
Script Output
Explain
Autotrace
DBMS Output
OWA Output



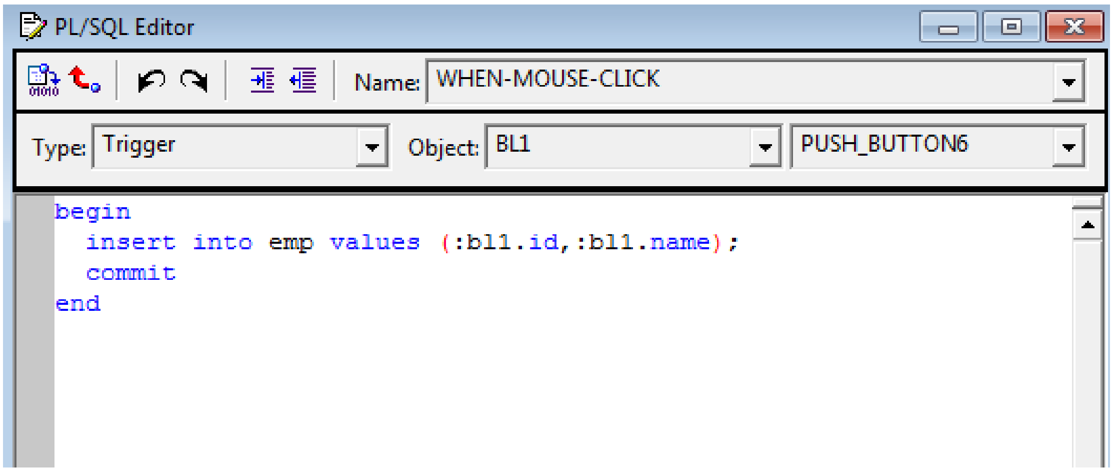

ثم نرجع الى الفورم بلدر




نؤشر على الزر save ثم نضغط على F11



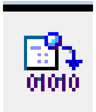

Ok

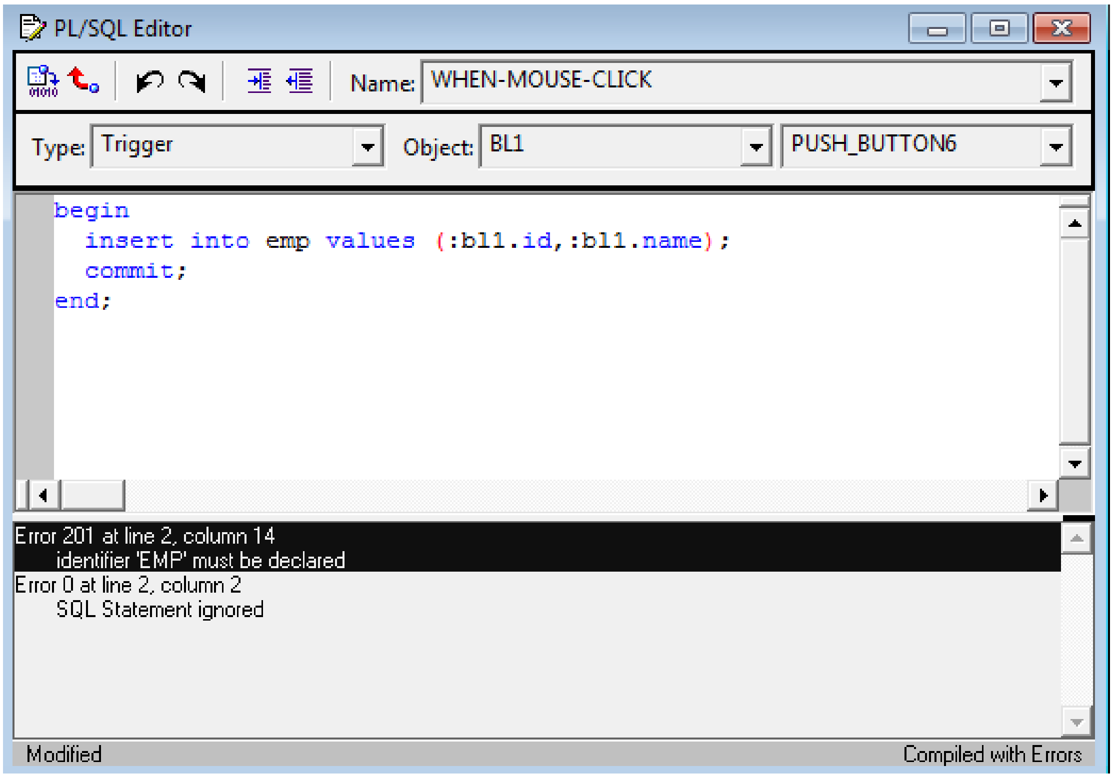



نكتب النص للكود في الاعلى وعند الوصول الى اسماء الحقول نضع الهوست لمربع النص وذلك بستخدام العلامة : ثم اسم البلوك bl1 ثم اسم مربع النص مثل id او name

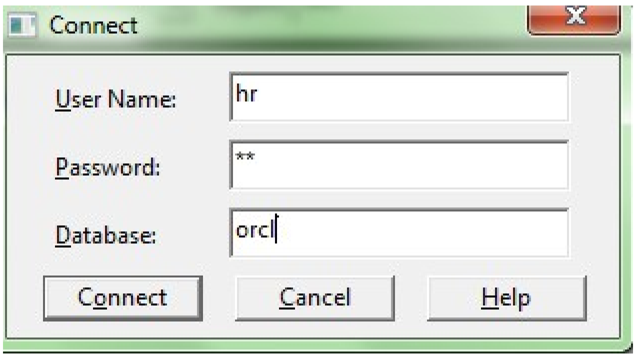
bl1.id:

bl1.name:

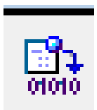
ثم نعمل كومبايلر بالزر 

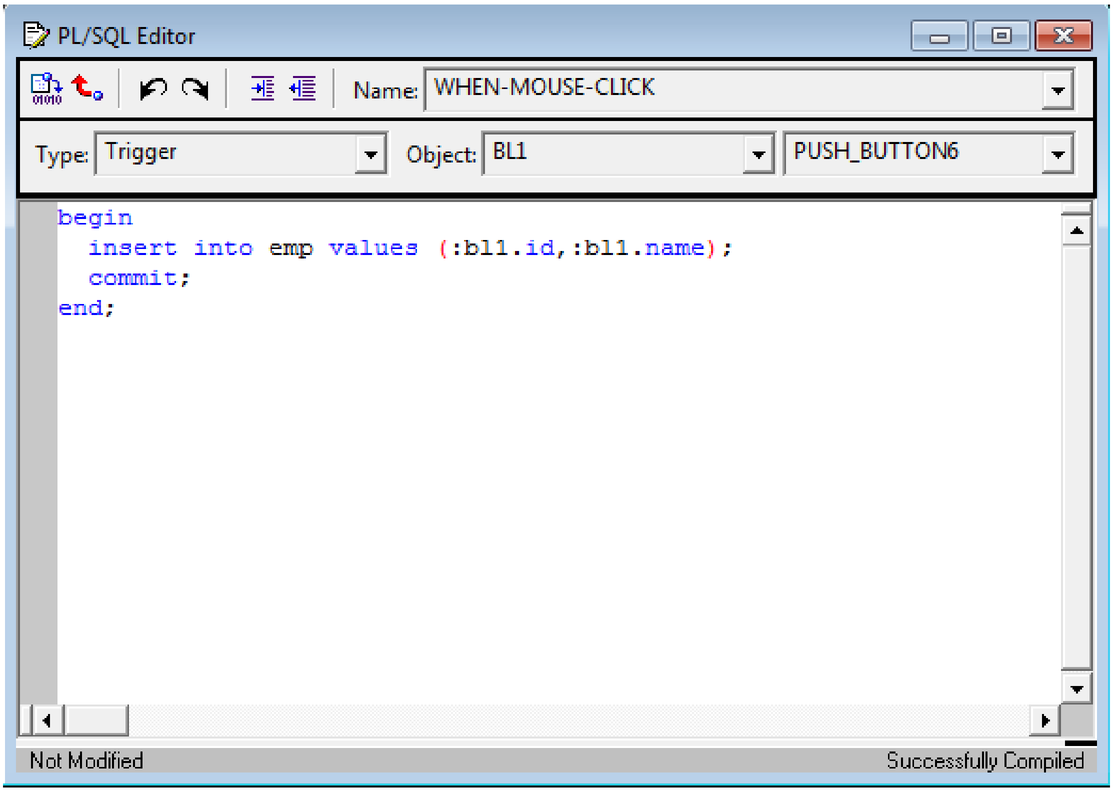


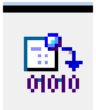

يجب ربط الداتابيس بالضغط على الزر 

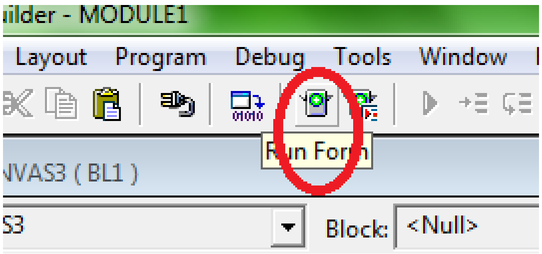


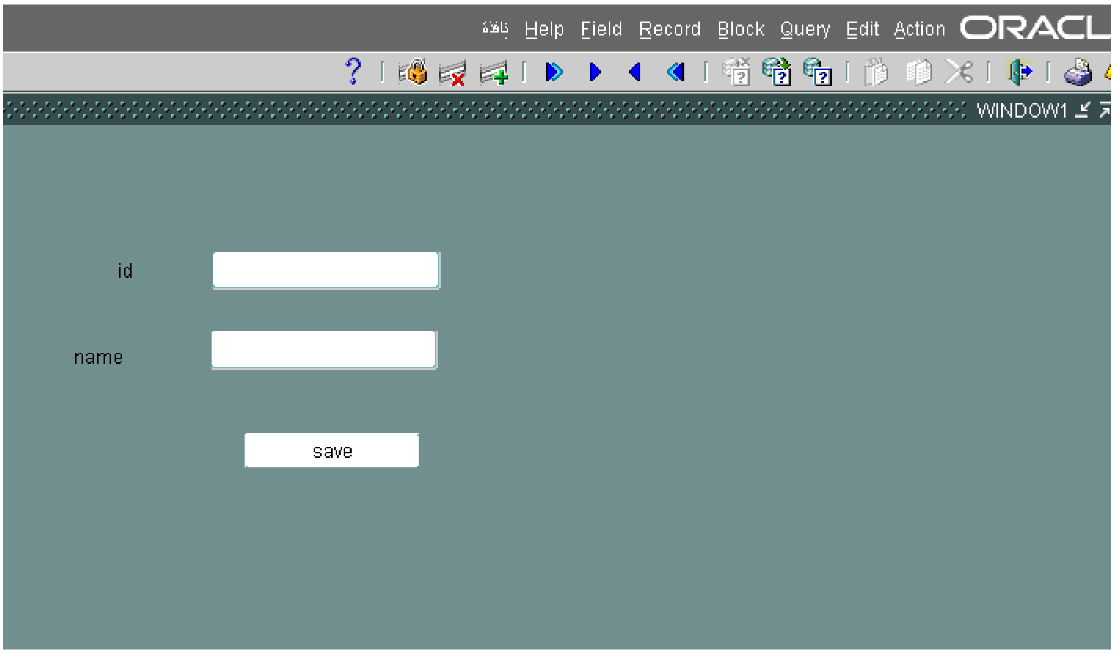

Connect

ثم كومبايلر بالزر 

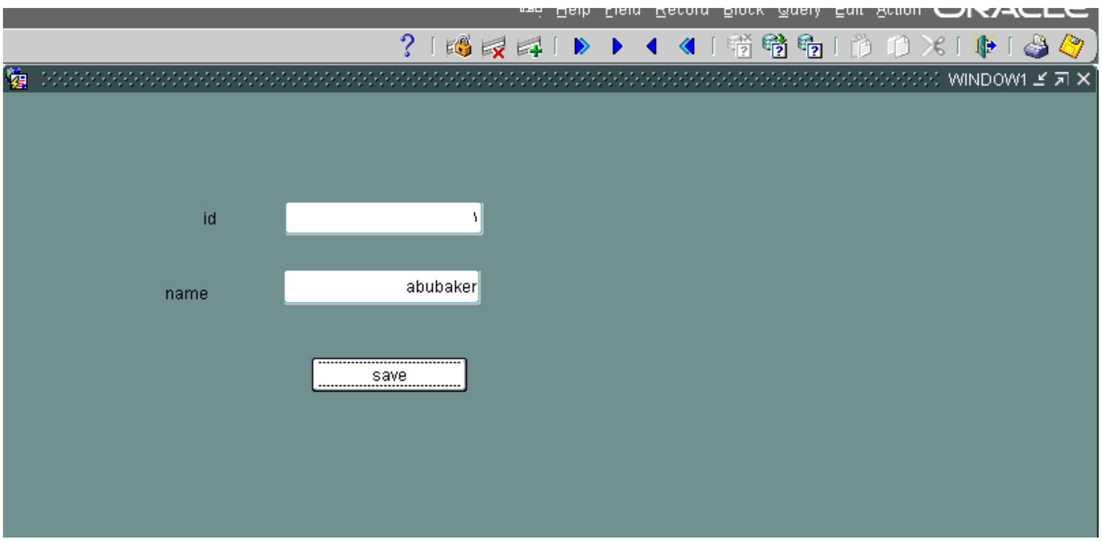



ثم كومبايلر بالزر  في الشاشة الرئيسية

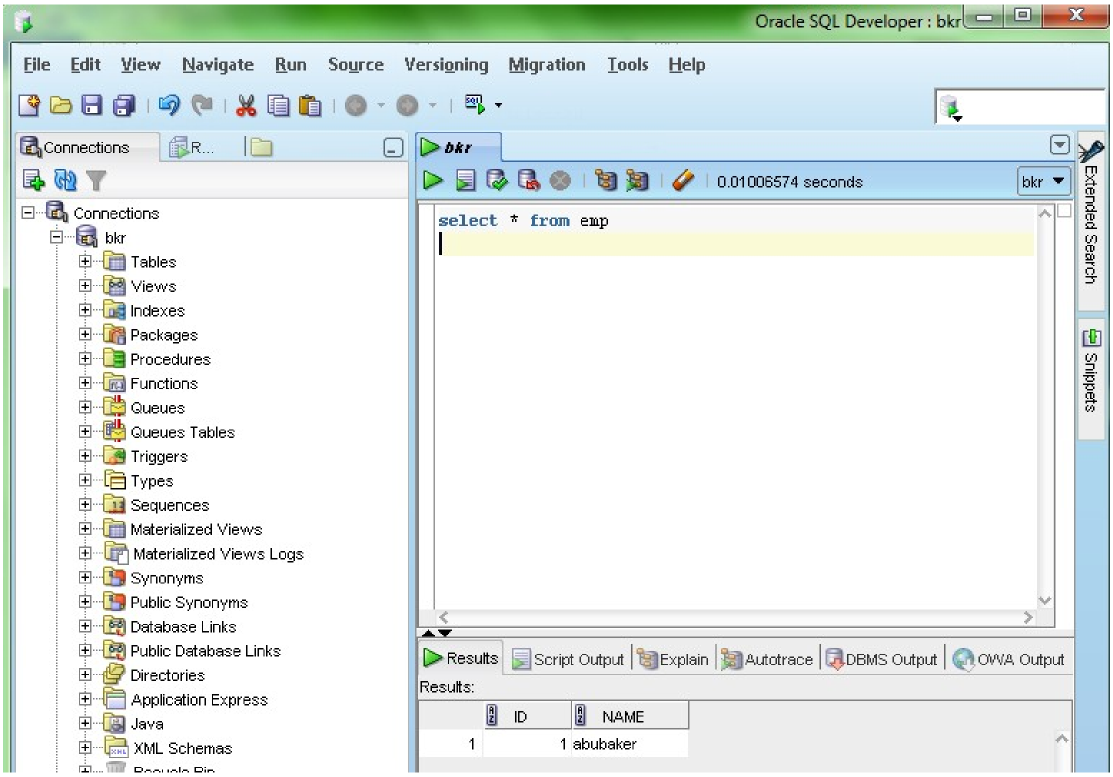




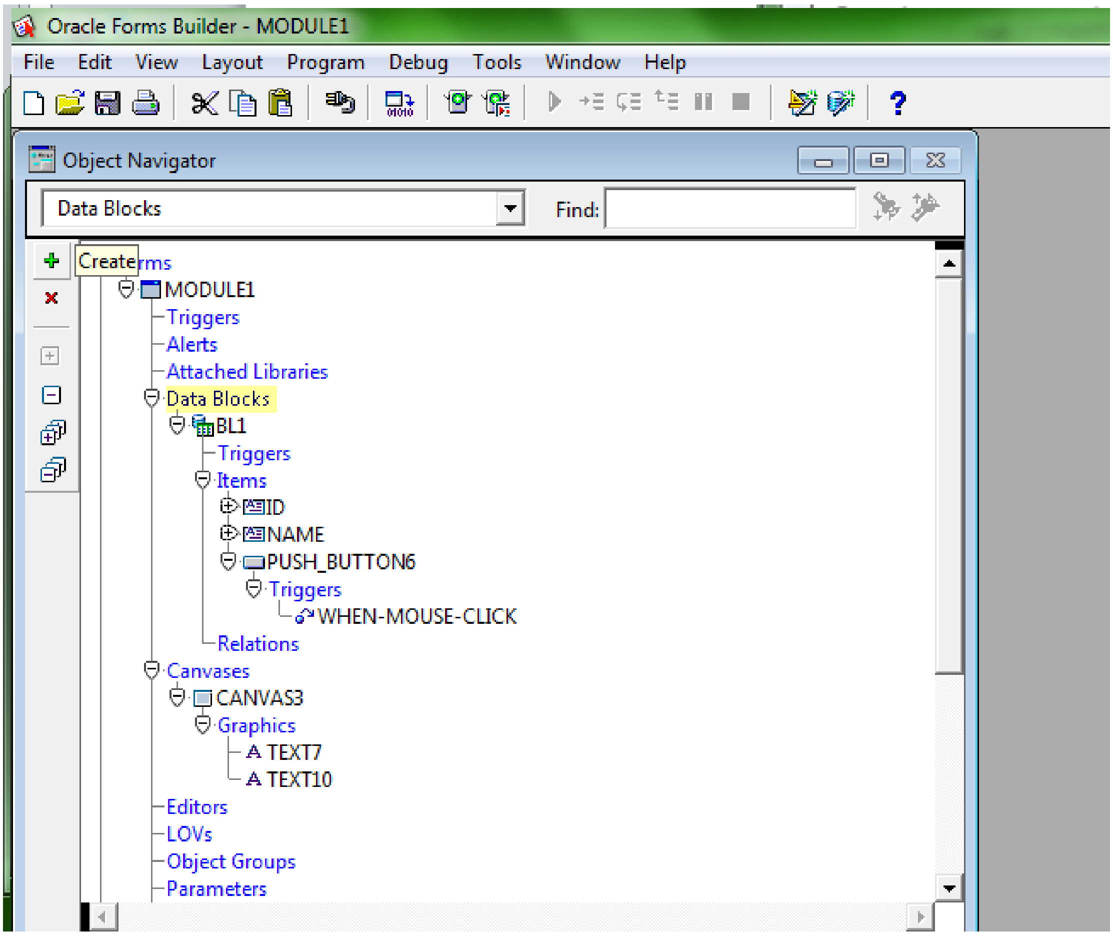

ندخل البيانات المربع الاول رقم والثاني نص




نذهب الى الاوراكل ديفيلوبر

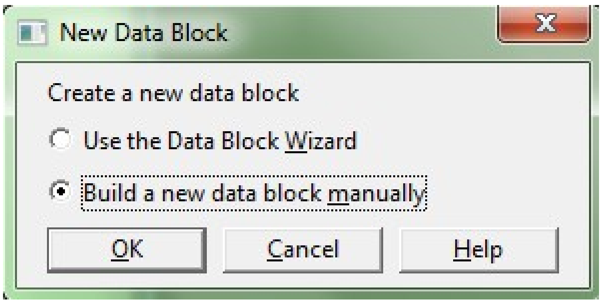



لعمل عرض للموجود في الجدول في الفورم المصمم

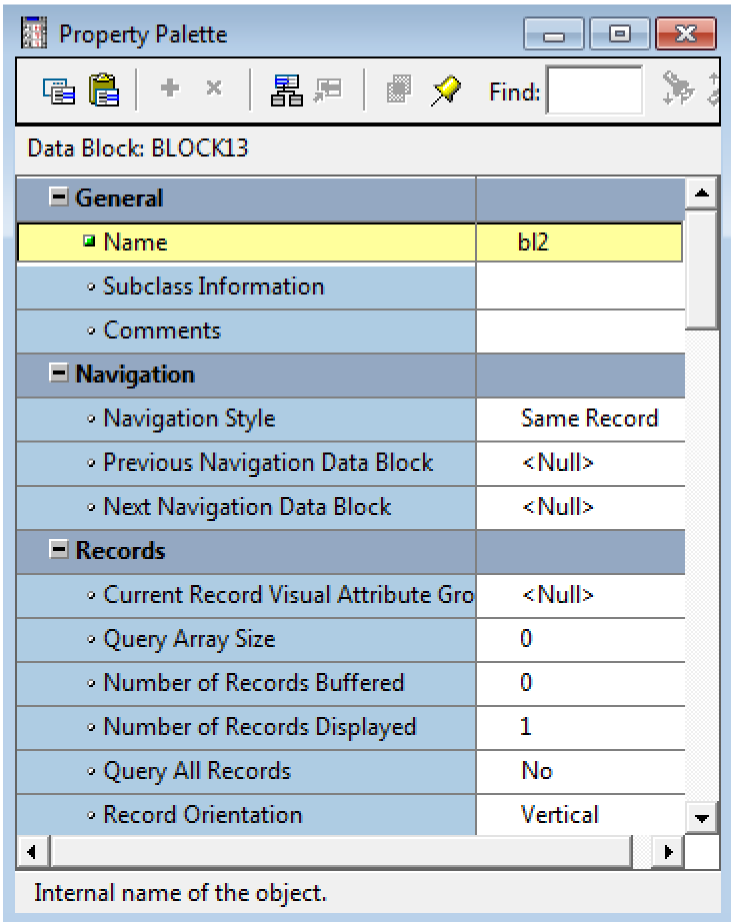

Oracle Forms Builder - MODULE1
File Edit View Layout Program Debug Tools Window Help
Object Navigator
Data Blocks
Find:
Create
MODULE1
Triggers
Alerts
Attached Libraries
Data Blocks
BL1
Triggers
Items
ID
NAME
PUSH_BUTTON6
Triggers
WHEN-MOUSE-CLICK
Relations
Canvases
CANVAS3
Graphics
TEXT7
TEXT10
Editors
LOVs
Object Groups
Parameters

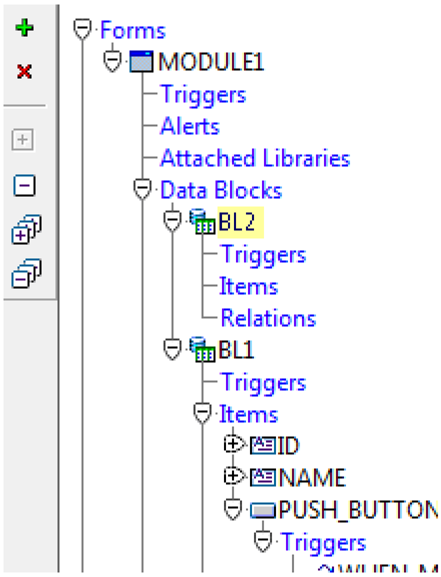
+

ثم


New Data Block
Create a new data block
Use the Data Block Wizard
Build a new data block manually
OK
Cancel
Help

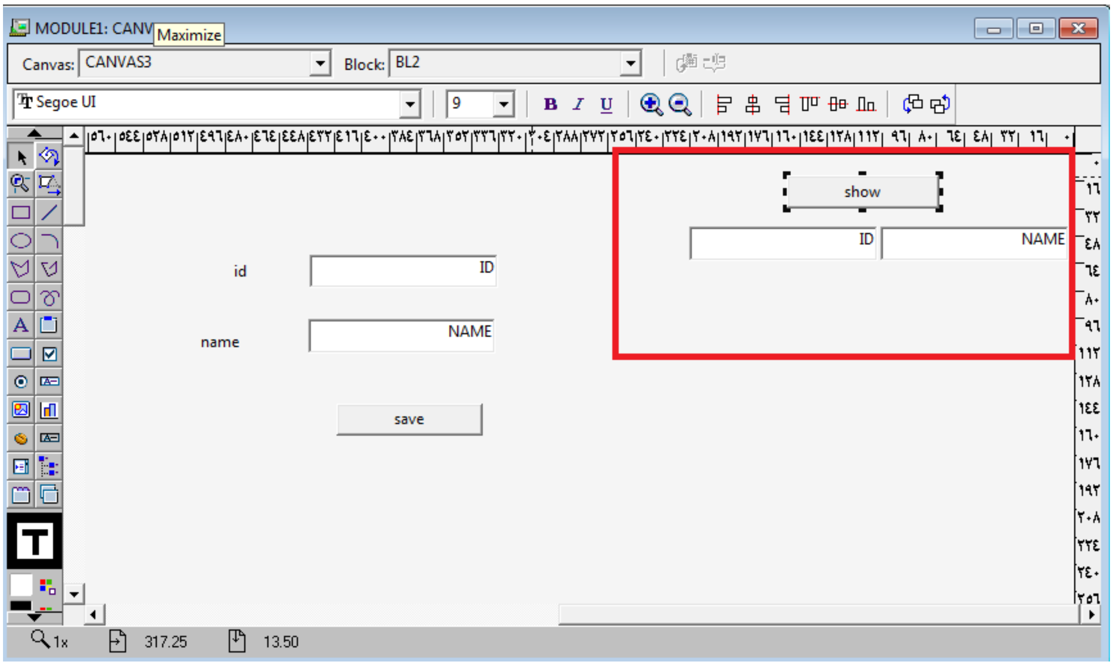
Ok



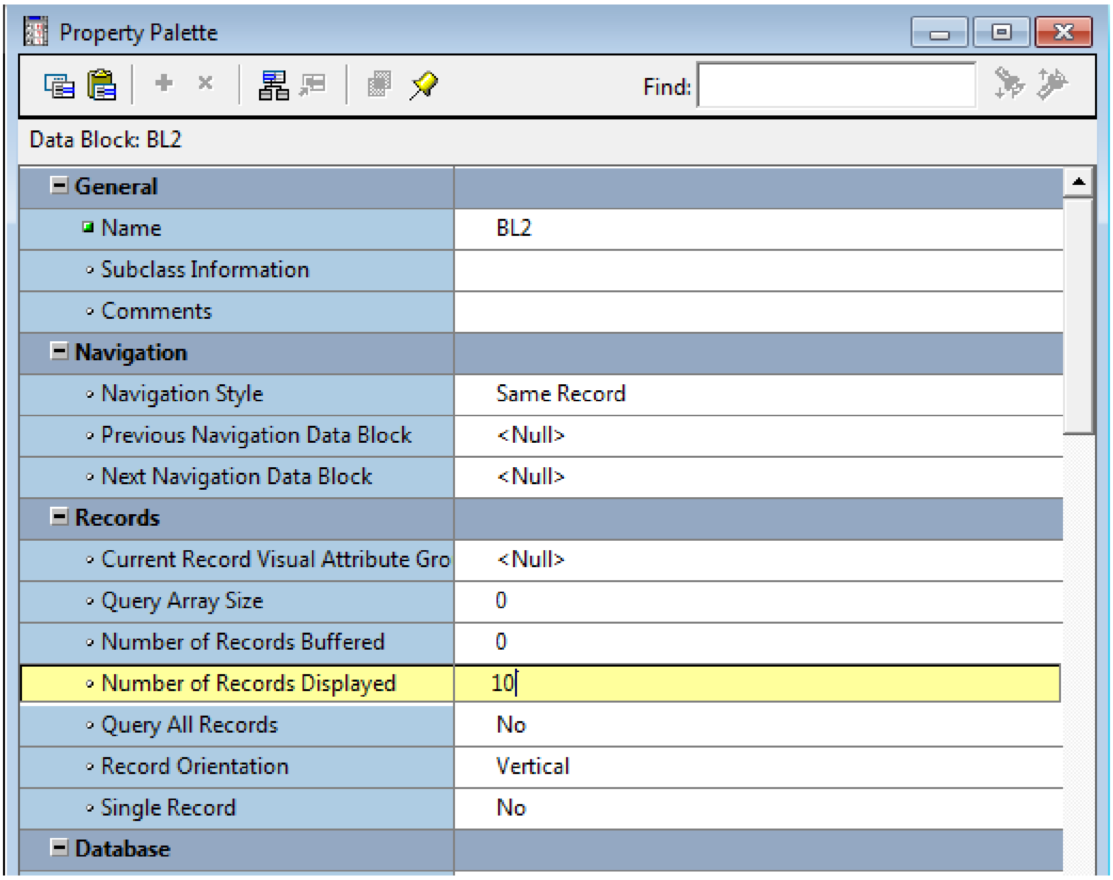

بعد التاشير على الداتا بلوك bl2 F2

تضهر نافذه فنضيف مربعين للنص ونضيف اليه زر ونغير الاسماء كما ضاهر في النافذة التالية



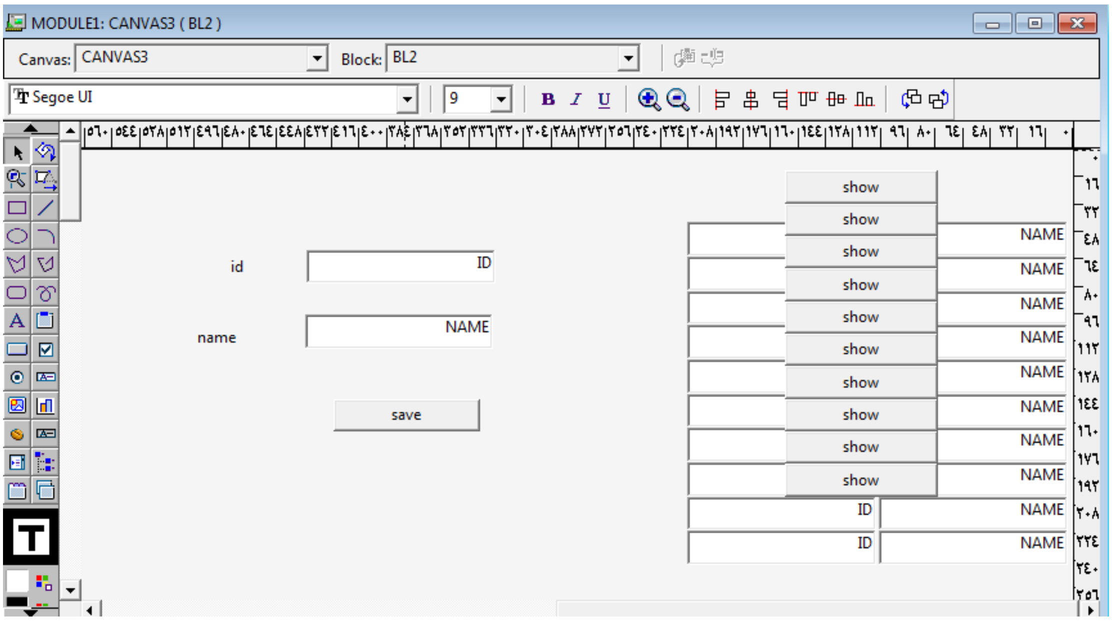

نذهب الى الداتا بلوك bl2 ونضهر الخصائص بالزر F4

ونعدل الخاصية كما في الشكل

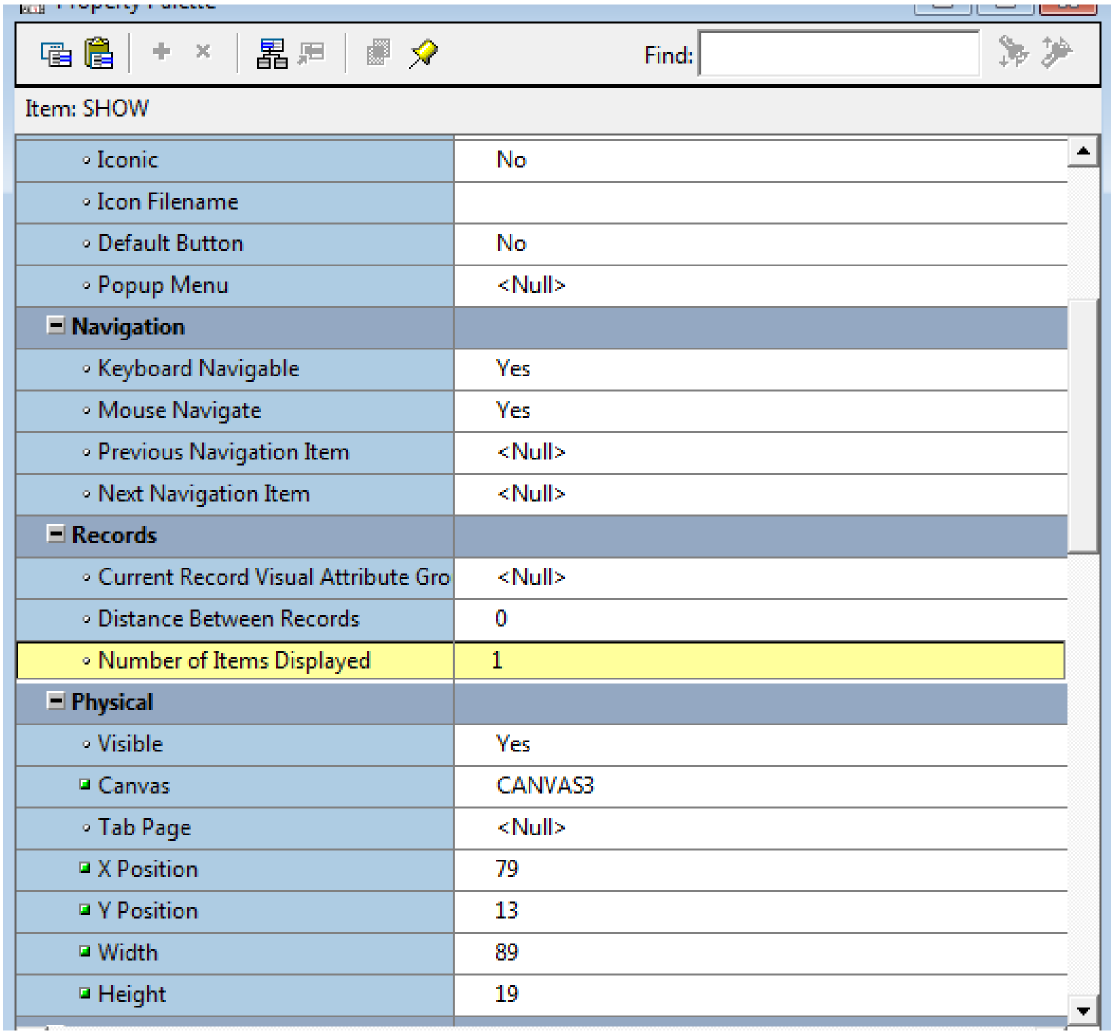


ثم نغلق

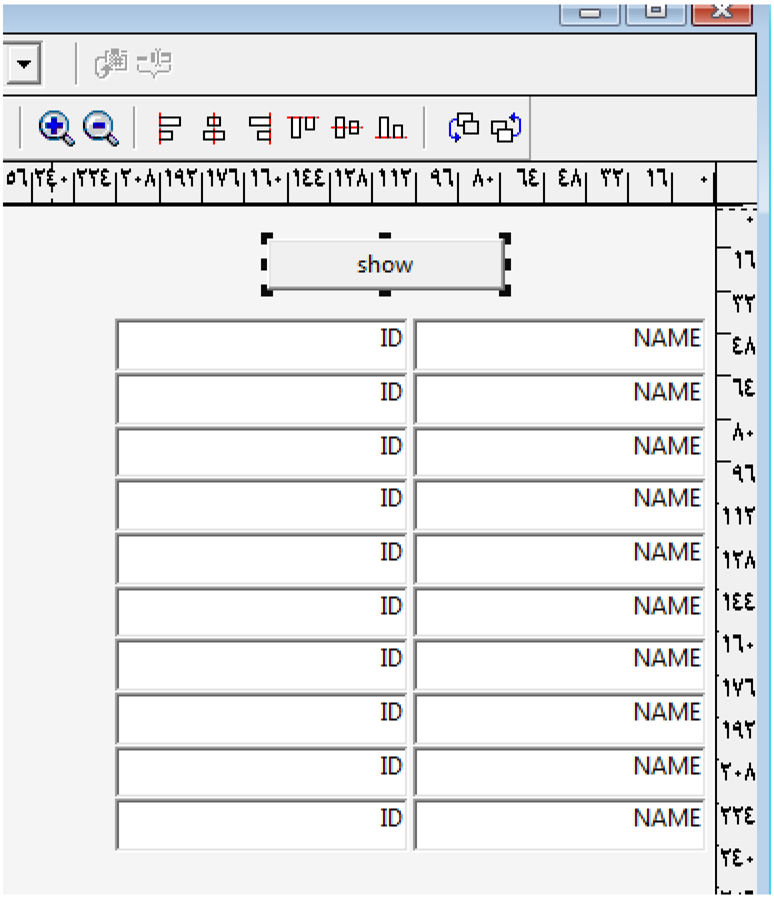
فتصبح



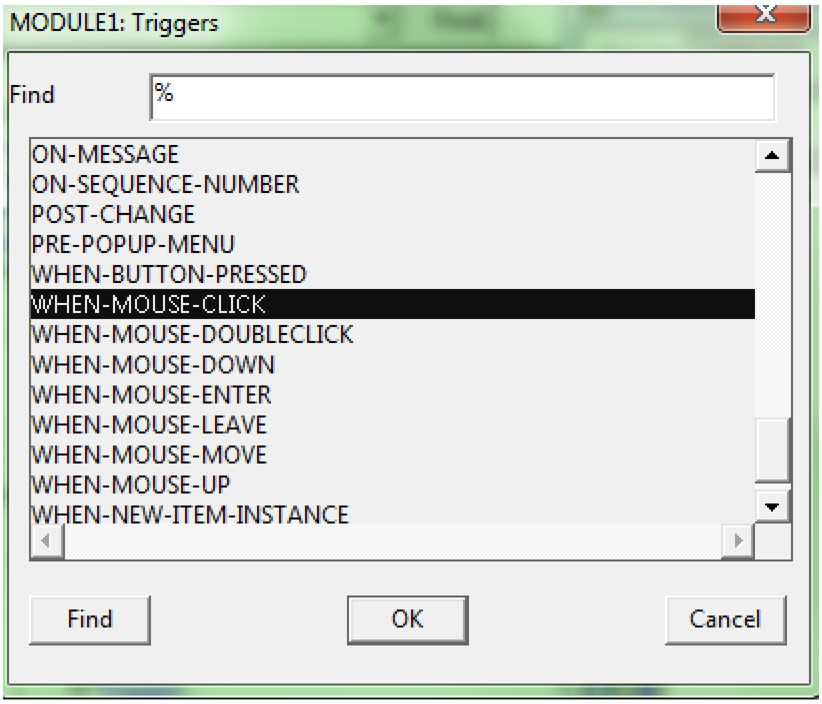
الان نؤشر على الزر show ثم F4



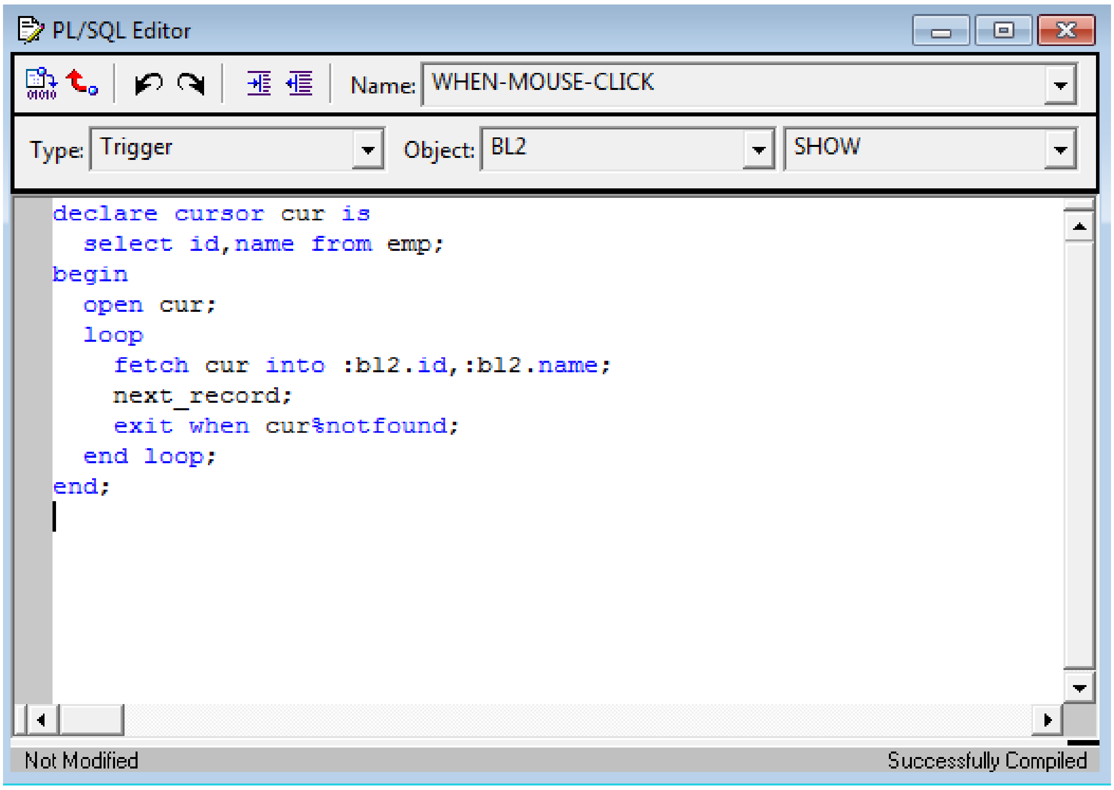

**نغلق** بعد التعديل




نؤشر على show ثم F11



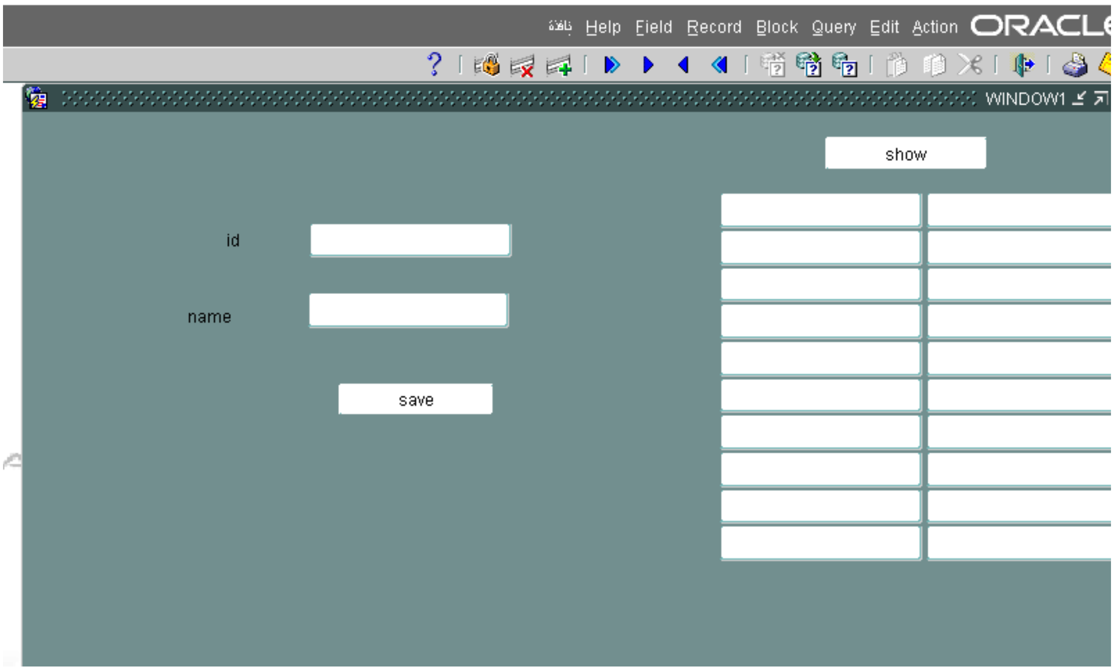

Ok




ثم كومبايلر

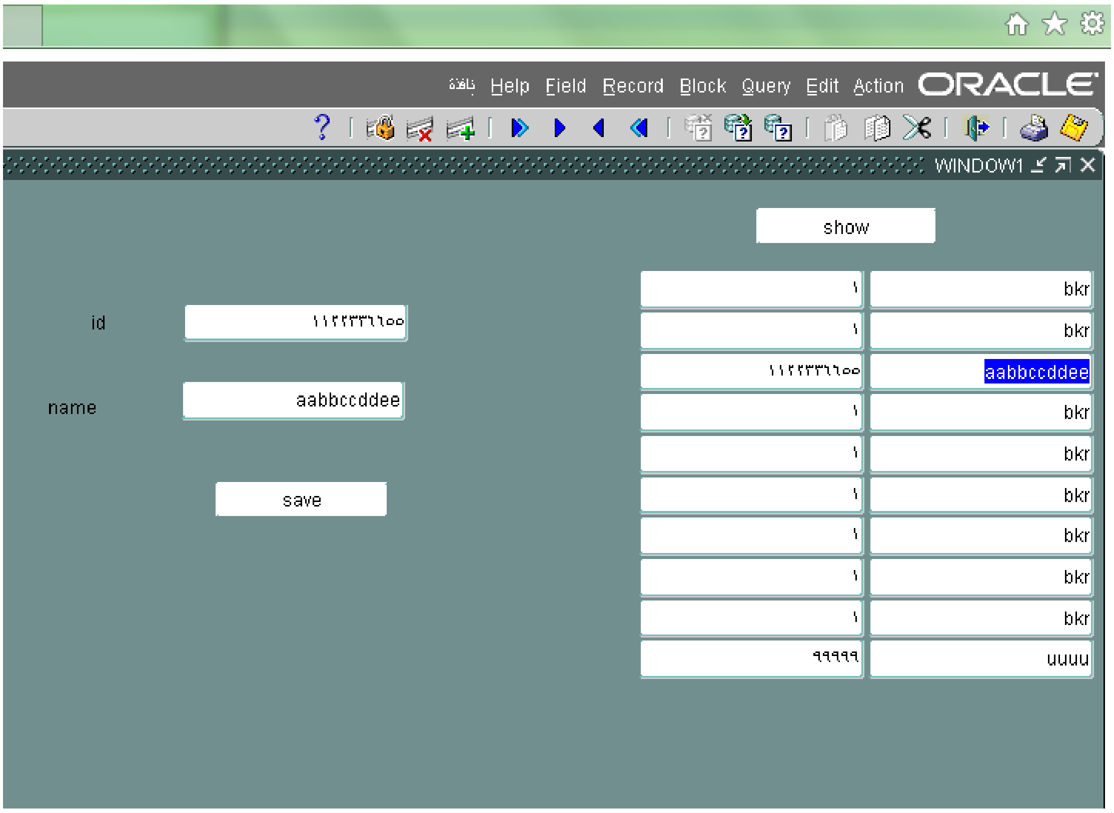
ثم كومبايلر على الفورم بلدر الرئيسي

ثم تنفيذ



بعد عدة اضافات نضغط show

فتضهر




وبامكاننا ان نضيف الى الجدول والعرض مباشرتا في show